

MetaCheck

Gene Diet Complete

Analysis results





Analysis from 27.02.2024

Thank you very much!

Thank you for choosing our MetaCheck! A sustainable and healthy diet is the basis for health, performance and quality of life. By taking this test, you have taken the first important step towards this. Whether it's weight loss or maintaining a healthy diet, this test will provide you with information about yourself that can help you achieve your desired goal. Before you start implementing your results, please read our notice below.

We wish you much success!

Notice:

Your MetaCheck is a computer-assisted gene metabolism analysis based exclusively on your genetic sample. Other findings already known to you are not included. For the evaluation, only your metabolic genes are analyzed - with the exception of the genes mentioned below. The analyzed genes show different constellations, which are assigned to the individual Meta-types. They do not allow any conclusions to be drawn about relationships. Nor do they allow any conclusions to be drawn about disease risks. The sample material is destroyed after analysis!

Since an increased intake of foods containing gluten and/or lactose may occur in the course of the dietary change, the genes that may be responsible for gluten/lactose intolerance are also analyzed. However, a genetic predisposition unfavorable to gluten/lactose intolerance does not allow the conclusion that such gluten/lactose intolerance does not exist or cannot occur, and a genetic predisposition favorable to gluten/lactose intolerance does not allow the conclusion that gluten/lactose intolerance actually exists or will occur. If the result of your genetic analysis shows a disposition in favor of gluten/lactose intolerance, this was taken into account purely as a precautionary measure in the context of risk minimization in the dietary recommendation with the avoidance or reduction of gluten- and/or lactose-containing food(s).

Also, the gene analysis in this regard and the information provided by CoGAP GmbH for this purpose do not replace medical advice, treatment and/or diagnosis, but only serve to minimize risks when recommending nutrition within the framework of the MetaCheck concept. Please consult a specially trained physician for medical advice, diagnosis and/or treatment, especially nutrition-related health problems, and also for the inclusion of previous findings. When drawing up the respective individual diet plan, attention must be paid to the diet target, taking into account person-specific characteristics (e.g. gender, age, weight, state of health, etc.).







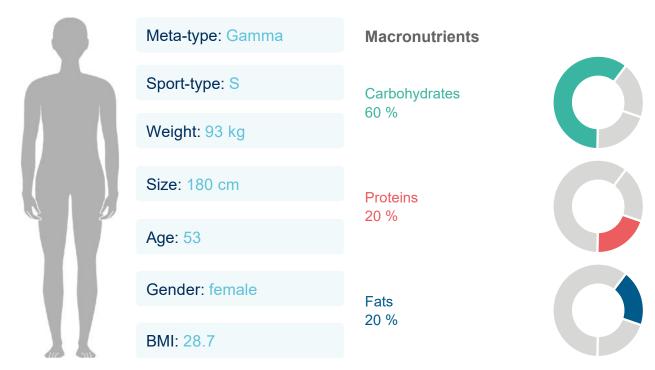
Table of Contents

That's me!	2
Introduction	4
Results	8
Optimal macronutrient distribution	9
Weight loss factors	13
Micronutrients - vitamins, antioxidants and omega 3 fatty acids	15
Let's start! - 4 Week Plan	21
MetaShake®	26
Meta-Type specific food-list	28
Your sport variant	38
Further individual recommendations	39
Regeneration	40
Your sport type and EMS training	42
Further suitable course offerings	43
What's next?	45



That's me!

MetaCheck Summary



Your average daily total energy requirement with light physical activities: 2435 kcal

The total energy requirement always consists of your basal and active metabolic rate! The optimal amount of calories for you depends on your calorie consumption at rest (basic metabolic rate) and physical activity (active metabolic rate). Your CoGAP® consultant will be happy to help you determine your exact calorie requirements.

Your different tendencies:

Yo-Yo effect higher tendency	Saturation a weaker satiety	Loss of muscle mass during a diet higher tendency
Hunger stronger feeling	Visceral adipose tissue higher tendency	

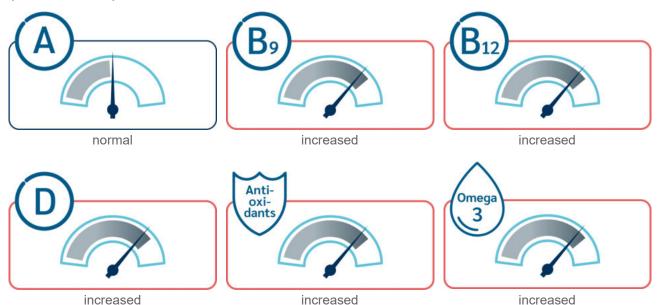


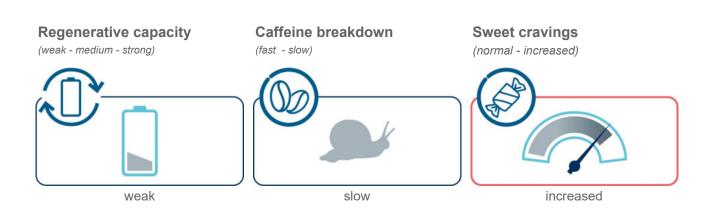


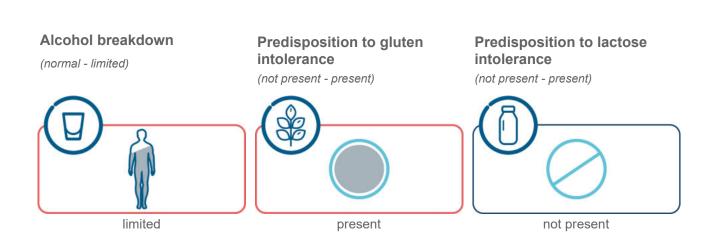


Micronutrient need

(normal - increased)









Introduction

The secret lies in your genes

Are you struggling with being overweight and the associated inconveniences in everyday life? Then you are not alone, because obesity has become one of the greatest challenges facing humankind in the world today. Although many people want to lose weight quickly and healthily, it is very difficult for them to lose weight successfully and, above all, in a sustainable way. Given the overload of dieting solutions, it is not surprising that many people cannot find the right diet for themselves. Should I go low carb? Or reduced fat? How do I know which diet is right for me and, above all, what is good for me? The answer to these questions is as simple as it is ingenious. It is in our genes, and therefore in ourselves!

In addition to a positive energy balance, genetics plays the most important role in the development of obesity. Family studies, including studies of twins and adopted children, have shown that obesity is mainly due to hereditary factors. In other words: **every body functions biologically differently, and there is no patent recipe for losing weight!**



The role of evolution

In the course of evolution, the human body had to adapt to new living conditions time and time again. As hunters and collectors, our early food consisted mainly of protein- and fat-rich foods. For hunting, humans had to be particularly fast and skilfull. Our metabolism at the genetic level adapted to this way of life.

When people began farming and livestock breeding a few thousand years ago, their dietary habits and physical requirements changed. Endurance was now important for the agricultural activity, and our diet consisted increasingly of carbohydrates derived from the crops we grew.

Since the change in our respective ways of life was not carried out by all humans at the same time (even today there are still isolated nomads), the adaptation of genes did not take place at the same speed. As different populations mixed with each other (e. g. within the framework of migration), different genetic metabolism types developed. These are the so-called meta-types, as well as the sport variants.







Test procedure of the MetaCheck

Your MetaCheck helps you identify your personal meta-type and allows you to adapt your nutritional and exercise behavior to your genes. In addition to the factors relevant to weight management, we have analyzed 13 other important elements to help you optimize your diet. We looked at whether you tend to have vitamin deficiencies, whether it is advisable to avoid foods containing lactose and gluten, and how your body reacts to alcohol. Your genes also provide the answer to how you design your exercise plan to burn more calories and build more muscle mass. For this purpose, the genetic material (DNA) of your cheek swab will be isolated and purified in the laboratory. Your DNA will then examined in the laboratory using state-of-the-art sequencing technologies. CoGAP uses a scientific study database which has been created especially for this purpose. It is constantly updated to evaluate the information obtained from this data and analyze it with regard to your meta-type. Since your entire genome (complete DNA) does not have an influence on your metabolism, CoGAP only examines the genes (DNA sections) that are relevant for the determination of your meta-type. These genes include those:



- which are involved in the weight control system
- whose effect on the body can be positively influenced by dietary or behavioural changes
- · which are expressed differently in different people

Since the genes investigated have many different constellations that are attributed to individual meta-types, the latter do not allow conclusions to be drawn about family relationships. Similarly, genes that allow disease-related statements were excluded from the examination.

Quality assurance

The genetic analysis of the MetaCheck samples is carried out by the DNA analytical laboratory of humatrix AG in Pfungstadt, Germany. Since its inception in 2001, humatrix has specialized in human DNA research and has set qualitative standards in the field of private genetic parentage testing. Meanwhile, the company's focus is on personalized medicine. Here, humatrix offers nationwide test systems for the prevention of inefficiencies and side effects in drug therapies in cooperation with physicians and pharmacists.

For humatrix, the highest priority is the quality of the analysis, the certainty of results and the protection of data privacy. The company operates a quality management system according to DIN EN ISO-IEC 17025. The humatrix AG laboratory is accredited for genetic parentage testing (DAkkS D-PL-17498 01-00) and undergoes biannual external quality monitoring by independent institutions. Continuous certifications by the GEDNAP and DGAB (forensics) as well as the INSTAND e.V. (diagnostics) show that humatrix also lives up to its high-quality promises.





The MetaCheck has proven itself!

Retrospective studies from the USA show that a gene-based diet that matches the genetic characteristics of the person seeking advice can achieve better results in weight loss than a diet that ignores these physiological properties 1. In order to test the effectiveness of the MetaCheck, a comparative study was carried out at the German Sport University Cologne. A group of subjects adapted their diet and athletic activities to the MetaCheck. The comparative group followed traditional recommendations on weight loss. After 6 – 9 months, the MetaCheck group was significantly more successful than the comparative group. The study participants who were allocated to the MetaCheck group were able to reduce their body mass index by an average of 2.33 points, while the comparative group of subjects showed an improvement of only about 0.43 points 2.

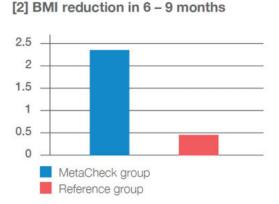
These and other studies have shown that a diet adapted to specific genes is much more successful and sustainable than an arbitrarily selected diet!

7 6 5 4 3 2

Genotype-appropriate nutrition

Non-genotypic nutrition

[1] Weight reduction (kg) in 12 months









Nutritional part

Lose weight effectively and sustainably!





Results



A brief summary of your results

Energy Source	Effect	Magnitud	e of effect +
Carbohydrates	positive		
Proteins	negative		
Fats	negative		
Factor	Effect	Speed	Endurance
Exercise	Speed		

You have the Meta-type Gamma and the Sport-type S.



Gamma

The meta-type Gamma is characterised by the fact that it processes carbohydrate-containing foods very well and therefore converts them less strongly into body fat. In the context of a diet for rapid weight loss, the proportion of protein-rich and fatty foods should therefore be reduced, as they are less well metabolized and more strongly stored in the form of body fat.

The optimal diet plan for your meta-type can be found on page 21.



Speed

Your sport type S means that you have a more effective and therefore higher calorie consumption in all fast strength-based sports (such as weight training on equipment, aerobics, body pumping, tennis or interval training) than in endurance-oriented sports.

Detailed information about your sport type can be found on page 36.





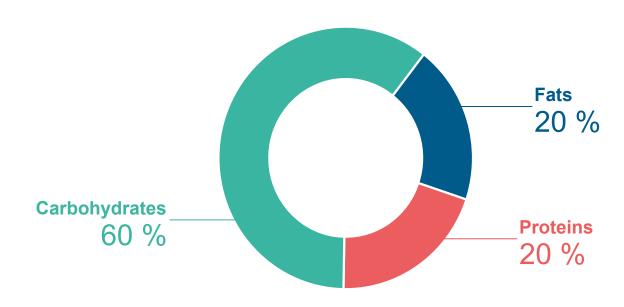




Optimal macronutrient distribution

Phase 1: The first 4 weeks

The following figure shows your macronutrient distribution for the first 4 weeks.



At the beginning of a meta-type dietary change for weight loss, you can use these values to adjust the distribution of energy requirements in the form of macronutrients. We have put together a nutrition plan for you on page 21 so that you can start right away.



Carbohydrates

As a meta-type Gamma you more easily metabolize carbohydrate-containing foods compared to the average population. This means that these foods are stored more slowly in the form of fatty tissue in your body. Therefore, a reduction in the amount of carbohydrates (potatoes, pasta, rice, sugar, white flour) is hardly necessary for your diet.

Note that in order to lose weight, you should not only adjust the proportion of carbohydrates in your diet, but also the amount of carbohydrates. However, longer fasting is not recommended, as this can lead to the aforementioned yo-yo effect in addition to hunger attacks due to the dynamics of the metabolism.

Since you metabolise carbohydrates very well, an average increase in the carbohydrate intake above the recommended level is advantageous. For this reason, we recommend that you consume energy from carbohydrate-containing food as follows:



What are carbohydrates?

Apart from proteins and fats, carbohydrates – also known as saccharides – are an essential component of our diet. They are found in foods such as potatoes, pasta, and bread and they provide the human body with important energy.

In contrast to fats, they are used quickly and can thus supply the body with energy in the shortest possible time. Carbohydrates are subdivided into simple and complex carbohydrates. Simple carbohydrates (e. g. in confectionery) provide energy quickly but at short notice, whereas complex carbohydrates (e. g. whole grain products and other starchy foods) release energy more slowly over a longer period of time.





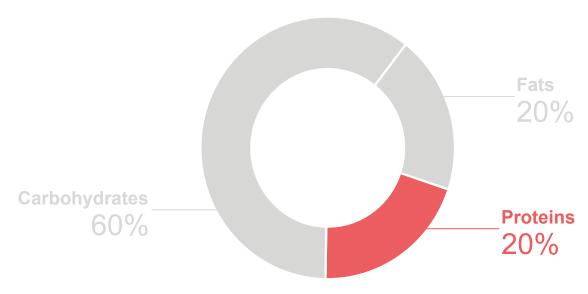


Proteins

The metabolism of protein-rich foods works less well for you as a meta-type Gamma, i. e. they are more strongly converted into body fat than carbohydrate-rich foods. The optimal diet for your meta-type should tend not to consist of protein-rich or protein-containing foods (e. g. eggs, legumes, fish, meat, tofu and dairy products).

Please note that if you wish to lose weight, you must first reduce the total amount of food before you adjust the protein content accordingly. However, despite your genetic predisposition, you should not completely go without proteins, as the protein deficiency triggered by this process can have serious consequences in the form of the loss of important cell components and muscle mass.

Because you metabolize proteins less effectively, a medium reduction of the protein intake below the recommended level is advantageous. Therefore, we recommend that you take energy from protein-containing food as follows:



What are proteins?

Proteins are considered to be the most valuable macronutrients in the diet. They consist of amino acids and serve as basic building blocks for all cells in the body. Not only muscle tissue, but also organs, hormones, and messenger substances consist of proteins.

Adequate daily protein intake should be ensured, otherwise the body will break down important muscle tissue. On the other hand, too much protein can lead to health problems. The exact amount of protein required for the human body has remained a mystery for many years. For decades, nutritionists recommended eating only a small amount of protein in food. Today, however, a per day amount of about 0.8 g protein per kilogram of body weight is recommended. On average, however, protein intake in Germany is already above the recommendation, at more than 1 g per kilogram of body weight per day.



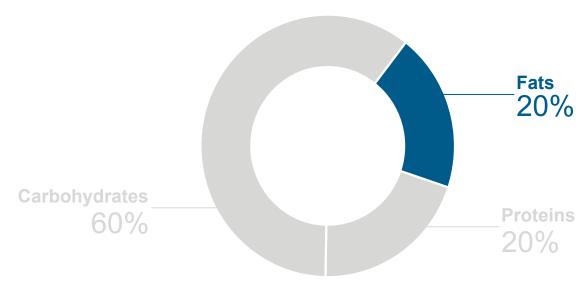
Fats

As a meta-type Gamma, the metabolism of fats works less well for you. This means that your body stores fat in the form of body fat more quickly than the average population. You should therefore take care to reduce the amount of fatty foods in your diet.

However, it is not advisable to completely dispense with all fats or oils, as your body needs a certain amount of essential fatty acids.

Therefore, you should avoid saturated fatty acids (animal fats, such as butter) as far as possible and instead eat unsaturated fatty acids (vegetable oils, fish oils) in a ratio of 1:5 (omega 3 to omega 6). Omega 3 fatty acids are found in linseed oil and hemp oil as well as in cold-water fish such as herring, mackerel and salmon. Omega 6 fatty acids are mainly found in animal products and in sunflower, corn and safflower oils.

Because you are less effective in metabolizing fats, a moderate reduction in fat intake to below the recommended level is advantageous. For this reason, we recommend that you consume energy from fatty food as follows:



What are fats?

Apart from carbohydrates, fats are the body's most important source of energy. The physiological calorific value of fat is more than double that of carbohydrates and proteins. Fats are also carriers of fat-soluble vitamins, such as A, D, E and K.

As part of a balanced diet, a fat intake of about 60 - 80 g per day is recommended. However, these reference values are guidelines for the maximum absorption of fats. It is quite possible to manage with much less fat in the food. If you want to lose weight, it is precisely through fat that you can save unnecessary calories. Your MetaCheck consultant will be happy to help you determine your individual calorie requirements.







Weight loss factors

Your CoGAP MetaCheck® not only determines your meta- and sports type, but also your tendencies towards the yo-yo effect, loss of muscle mass during a diet, hunger, satiety and visceral adipose tissue. Your analysis revealed the following:



Trend towards yo-yo effect

The onset of new, undesirable and rapid weight gain after a successful diet is called the yo-yo effect. One of the main reasons for this effect, which is partly due to genetic factors, is that over the course of time certain biological mechanisms are activated in the body of overweight people, which aim to regain the highest body weight to date. These mechanisms are also referred to as "anti-weight loss mechanisms".

Compared to the average population, you have an increased tendency to experience the yo-yo effect.

In order to effectively prevent the yo-yo effect, we recommend that you aim for a weight loss of 0.5 kg per week, especially during the initial phase. In order to reduce your weight in a sustainable way, we recommend that you change your diet to suit your meta-type in the long term.

Loss of muscle mass during a diet

In addition to the desired loss of fat mass, a diet can also lead to a loss of muscle mass. A one-sided diet, for example an unhealthy crash diet, can lead to a much greater loss of muscle mass. For this reason, it is particularly important in the context of a diet or long-term nutrional change to pay attention to a meta-type adjusted diet, which is nutritionally meaningful and balanced. In addition, the loss of muscle mass can be counteracted by appropriate exercise.



Compared to the average population, you have an increased tendency to lose muscle mass during a diet.

In order to be able to effectively counteract the loss of muscle mass, we recommend that you pay special attention to increased sporting activities in addition to your meta-type adjusted diet. The sports variant determined for you in the MetaCheck analysis will help you with this.





Feeling of hunger

The human body develops a feeling of hunger to ensure an adequate supply of energy and all necessary nutrients. The feeling of hunger varies from person to person, and can also be perceived as subjective physical sensation. In addition to subjective perception, the genetic component also plays a role.

Compared to the average population, you have a stronger feeling of hunger.

Drink a small glass of water every $\frac{3}{4}$ hour and increase your dietary fibre intake to 30 - 40 g per day. Whole grain products, vegetables, fruit and pulses – supplemented by bran, linseed, flea seed husks and chia seeds – are very good sources of fibre. If you feel hungry, we recommend eating a portion of raw vegetables.

Feeling of satiety

In contrast to the feeling of hunger, the body signals that sufficient food has been ingested with a feeling of satiety, and the meal can be ended accordingly. Through the interaction of hunger and saturation, the body regulates food intake and thus ensures an adequate supply of energy and nutrients. Like the feeling of hunger, the feeling of satiety is also determined by genetic components. Depending on the genetic predisposition, the feeling of satiety can also occur much more slowly, which in turn leads to increased food intake.



You have a weaker feeling of satiety than the average population.

We therefore recommend that you eat your Meta-Type meals slowly, as your body takes longer to reach saturation.

Visceral adipose tissue

In humans, and all vertebrates in general, the fat that is stored in the free abdominal cavity and envelops the internal organs is called visceral adipose tissue. Primarily, it provides mechanical protection for the internal organs and serves as an energy reserve in the event of a lack of food. Unlike subcutaneous fatty tissue, visceral fat is not visible in normal amounts. However, in larger quantities it is noticeable by a clear increase in the abdominal volume. Since visceral adipose tissue is more active in metabolic physiology than fatty tissue in other regions of the body, it is disadvantaged against other fatty tissue.

Compared to the average population, you have a higher tendency towards visceral fatty tissue.

To counteract this effect, you should keep your metabolism particularly active. In addition to your meta-type diet, you will also profit greatly from sports activities that correspond to your determined sport type. Your training should be highly dedicated to your deep muscles. For example, yoga, Pilates, or vibration training are all very well-suited for this purpose.









Micronutrients - vitamins, antioxidants and omega 3 fatty acids

Vitamins belong to the group of micronutrients. They strengthen the immune system, ensure growth and development (e.g. blood formation, cells, bones and teeth), and are involved in almost all metabolic processes. Basically, they are divided into fat-soluble and water-soluble vitamins. Fat-soluble vitamins can be stored in the body. These include vitamins A, D, E and K. All other vitamins are water-soluble. The body cannot store these. The excess amounts are excreted in the urine.

With a few exceptions, such as vitamin D, vitamins are considered essential because the body cannot produce them itself. They must therefore be ingested with food. With a healthy and varied diet, the body is usually also well supplied with vitamins. Nevertheless, special life situations and eating habits can lead to an increased vitamin requirement. Examples include pregnancy and breastfeeding period, increased nicotine and alcohol consumption, increasing age, stressful daily life, regular sports activities and genetic dispositions that are associated with lower vitamin levels. Therefore, it is always important to pay attention to the micronutrient supply for the optimization of the diet plan. Below we show you the results of the genetic test and what you should pay special attention to in your diet.

Vitamin A

Vitamin A, also called retinol, is a fat-soluble vitamin and is mainly found in animal products such as liver, milk, eggs and fish oil. It is particularly important for the protection and function of the skin, eyes and mucous membranes. While retinol is the active form of vitamin A, provitamin A beta-carotene is a precursor of vitamin A that can be converted to the active form in the body. Provitamin A carotenoids are found mainly in plant foods such as carrots, sweet potatoes, spinach, kale, peppers, pumpkin and apricots. The recommended daily intake of vitamin A is 900 micrograms for men and 700 micrograms for women.



You have a genetic variant associated with normal vitamin A levels. Therefore, for vitamin A, we recommend that you follow the common recommendations for vitamin and micronutrient intake. Foods rich in vitamin A such as the above examples are particularly suitable for this purpose.



Vitamin B9 (folate)



Vitamin B9, also called folate, is a water-soluble vitamin from the vitamin B complex that is important for healthy cell division and growth as well as for the immune system. It is involved in a variety of metabolic processes and is especially important during pregnancy to support the development of the fetal brain and spinal cord. The industrially produced form of the vitamin is called folic acid. Good sources of vitamin B9 include green leafy vegetables such as spinach and kale, legumes such as lentils and beans, and avocados, asparagus, broccoli, beets, citrus fruits and wheat germ. The recommended daily allowance for vitamin B9 for adults is 400-600 micrograms per day. For pregnant women and during breastfeeding period, the daily requirement increases significantly and should always be discussed with the attending physician.

You have a genetic variant which, according to current studies, is associated with lower vitamin B9 levels. This does not mean that you also currently have a too low vitamin B9 level. In any case, we recommend that you optimize your intake of vitamin B9 as a preventive measure by paying attention to your diet and eating foods that are rich in vitamin B9. The above-mentioned examples and corresponding dietary supplements are particularly suitable for this purpose.

Vitamin B12

Vitamin B12 is a water-soluble vitamin from the vitamin B complex. It is important for the function of the nervous system and is involved in the formation of DNA as well as red blood cells. Natural sources of vitamin B12 are of animal origin, such as meat, fish, eggs and dairy products. It is not found in plant foods, or only in very small amounts that are insufficient for a reliable supply. Vegans in particular should therefore cover their requirements with suitable dietary supplements. Alternatively, there are also cereal products enriched with vitamin B12 and soy milk. The recommended daily allowance for vitamin B12 for adults is 2.4 micrograms per day.



You have a genetic variant which, according to current studies, is associated with lower vitamin B12 levels. This does not mean that you also currently have a too low vitamin B12 level. In any case, we recommend that you optimize your intake of vitamin B12 as a preventive measure by paying attention to your diet and eating foods that are rich in vitamin B12. The above-mentioned examples and corresponding dietary supplements are particularly suitable for this purpose.







Vitamin D



Vitamin D is a fat-soluble vitamin that plays an important role in bone health by promoting the absorption of calcium and phosphate in the body. In addition, it is involved in many metabolic processes and is therefore also important for the immune system, nervous system and muscle health. Vitamin D can be obtained from food and can also be produced in the body with the help of sunlight. Foods that contain vitamin D are mainly fatty fish such as salmon, mackerel and herring, as well as eggs, milk and dairy products such as cheese and yogurt. However, the amounts absorbed with food are rather small, so sunlight is the most important source of vitamin D. The recommended daily dose is 20 micrograms and applies only in the absence of self-production.

You have a genetic variant which, according to current studies, is associated with lower vitamin D levels. This does not mean that you also currently have a too low vitamin D level. In any case, we recommend that you optimize your intake of vitamin D as a preventive measure by paying attention to your diet and eating foods that are rich in vitamin D. Since sunlight is the most important source of vitamin D, we recommend that you take special care to spend 5-25 minutes a day outdoors, depending on your skin type.

Antioxidants

During physical activities in general and especially during intense stress, such as regular sports, more free radicals are produced in the body. More precisely, oxygen radicals are produced in the mitochondria as a by-product of energy production (cell respiration). They are highly reactive and can damage a wide variety of biological structures. Normally, the body can counteract the free radicals with naturally occurring antioxidants and antioxidant enzymes. However, if the free radicals predominate because the load is too high or the antioxidant enzymes do not work properly, this leads to damage to the cell and is referred to as oxidative stress. The body's own repair and detoxification functions of the cells can be supported by the supply of suitable antioxidants. These include vitamins C, E, β -carotene, zinc and selenium, as well as secondary plant compounds such as anthocyanins, flavonoids, and catechins. Foods rich in antioxidants include berries, green leafy vegetables, tomatoes, carrots, nuts and seeds.



You have a genetic variant which, according to current studies, is associated with reduced activity of antioxidant enzymes. This does not suggest that you also currently have an increased need for antioxidants. In any case, we recommend that you preventively optimize your intake of antioxidants by paying attention to your diet and eating foods rich in antioxidants. Also with regard to an effective regeneration and recovery after sports activities or strong everyday stress, we recommend you to pay special attention to a sufficient antioxidant intake.



Omega 3

The polyunsaturated omega-3 fatty acids are essential for us humans and must be ingested regularly, as our body cannot produce them itself. However, there is not one omega-3 fatty acid, but different types. $\alpha\text{-Linoleic}$ acid, for example, is found primarily in linseed, rapeseed, soybean and walnut oil. Eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) are two other important omega-3 fatty acids, which are mainly found in marine fish oils. In the body, $\alpha\text{-linoleic}$ acid is metabolized to EPA and DHA. In addition to numerous health benefits, such as the regulation of blood pressure and blood clotting, the additional intake of EPA and DHA helps to reduce inflammatory processes and thus ensures faster regeneration. It is therefore very important, especially for athletes, to ensure a sufficient supply of omega-3 fatty acids. In addition to fish oil capsules, regular consumption of fish or algae is particularly suitable for this purpose.



With respect to your genetic predisposition, we recommend that you preventively optimize your intake of omega-3 fatty acids by paying attention to your diet and eating foods rich in omega-3 fatty acids. Also, with regard to effective regeneration and recovery after sports activities, we recommend that you pay special attention to an adequate intake of omega-3 fatty acids.

Caffeine metabolism



Caffeine is one of the most common stimulants and is contained in a wide variety of beverages. While coffee and black tea, for example, have a natural caffeine content, there are more and more soft drinks or energy drinks to which caffeine is added. In everyday life, caffeine is primarily consumed to temporarily dispel fatigue and increase the ability to concentrate. In addition, it also has a performance-enhancing effect for people during sports. The effect of caffeine is not only broad, but also dependent on one's own genetic predisposition and can therefore vary greatly from person to person. For example, some people can break down caffeine quickly, whereas others metabolize caffeine rather slowly, which can lead to increased inner restlessness, irritability and insomnia. Therefore, caffeine for performance enhancement in sports should always be taken with caution.

You metabolize caffeine slowly compared to the average. We therefore recommend that you do not take caffeine to enhance performance before training, as the stimulating effect of caffeine can last significantly longer than desired.







Sweet tooth

People with a weakness for sweet foods are often describes as having a "sweet tooth". Sweet foods can include both healthy foods such as fruit and unhealthy foods such as candy and sweet drinks. A, compared to the average, stronger desire for sweet foods can have different reasons. One of these reasons may be a genetic disposition, in which individuals may develop an increased likelihood of eating more sweets and sugary foods. Particularly in the context of a diet and healthy dietary change, it is therefore especially valuable to find out whether there may be a disposition for an increased craving for sweet foods.



You have an increased tendency to eat more sweets and sugary foods compared to the average population. We therefore recommend that you pay particular attention to sugary foods, choosing fruit, for example, as a healthy sweet alternative to sweets and sweetened beverages.

Alcohol



For many, drinking alcoholic beverages is a relaxing or social activity, but for some it can also be unpleasant because of their body's reaction to alcohol. The metabolization, or breakdown, of alcohol in the body is largely carried out by the liver. If the metabolization of alcohol is impaired, it is called alcohol intolerance. This can manifest itself in symptoms such as muscle weakness, palpitations or facial flushing. This intolerance can have various causes, including a genetic predisposition. What is also underestimated in addition to tolerance is the fact that alcohol also contains many calories. For example, a glass of red wine contains about 170 kcal and a pint of beer about 430 kcal. This should always be considered in the context of a diet or a healthy change of diet.

Your genetic analysis has shown that there is a genetic predisposition in favor of alcohol intolerance. This does not allow the conclusion that an alcohol intolerance actually exists or will occur. Nevertheless, as a precautionary measure, we recommend that you avoid alcohol as part of the change in diet. If you observe problems after consuming alcoholic beverages, please consult your doctor.



Lactose



Lactose, which is for example ingested with milk and dairy products, must be broken down in the intestine with the help of the digestive enzyme lactase. In the case of lactose intolerance, not enough lactase is available to the body due to missing or reduced production, which means that the lactose cannot be digested or can only be digested incompletely. This enzyme deficiency can then lead to symptoms such as diarrhea, bloating, abdominal pain or nausea. The majority of the world's population cannot fully digest lactose after infancy. In Asia and Africa, lactose intolerance affects the majority of the adult population (90% or more), while in Central Europe it affects approximately one in 5 to 10 people. However, the degree of intolerance and the time of onset after birth can vary greatly. Lactose intolerance is not a disease, but it can limit the quality of life and should therefore always be included as part of a healthy dietary change.

Your genetic analysis has shown that there is no genetic disposition in favor of lactose intolerance. You can continue to include lactose-containing foods in your diet. However, if you observe any problems after consuming lactose-containing foods, please consult your doctor.

Gluten

Gluten is a protein found in many types of cereals. These include, for example, wheat, rye, oats and barley. In recent years, intolerance to this protein has become increasingly common, and is called celiac disease. Thus, approximately every 600-4000th person in Germany is affected by a gluten intolerance, in children, however, this is estimated to be every 100-400th person. With the gluten intolerance it comes to an overreaction of the immune system and in the consequence to a chronic inflammation of the small intestine. Abdominal pain, diarrhea, vomiting, loss of appetite and lack of weight gain are common symptoms in children, which may appear at the earliest about 3-4 months after the first feeding with gluten-containing foods (e.g. porridge mixtures). Depending on the diet, symptoms are usually first noticed between 6 months and 2 years of age.



The mechanisms by which celiac disease develops are not yet fully understood. However, it is certain that there is a genetic predisposition that contributes in part to the development. >99% of all celiac patients have a specific genetic constellation in the HLA-DQ gene. However, this gene constellation also occurs in >25% healthy individuals, so the presence of this gene constellation does not necessarily predict the onset of celiac disease. Nevertheless, the knowledge of the presence of the genetic prerequisite is useful to optimize one's own diet plan.

Your genetic analysis has shown that there is a genetic predisposition in favor of gluten intolerance. This does not allow the conclusion that a gluten intolerance actually exists or will occur. Nevertheless, as a precautionary measure, we recommend that you avoid foods containing gluten as part of your dietary change and consult your doctor.







Let's start! - 4 Week Plan

On the following pages you will find your nutrition plans for the next 4 weeks. Please read the following instructions carefully before starting.

- Each of the four following plans is your personal nutrition plan for an entire week. After consulting with your MetaCheck consultant, stick exactly to these guidelines and discuss any special features (e.g. diabetes, pregnancy or uncertainties) with them.
- For successful, rapid weight loss, it is necessary that you eat only the three meals listed in the diet plans every day and completely avoid snacks in between.
- In your plans, you will find general food names such as "vegetables," "fruits," or "meat/fish/seafood." To achieve the most varied diet possible, you can vary your choices daily. To see which foods you can choose, see the "Food choices for your weekly nutrition plans" listing.
- Alternatively, you can replace up to two meals a day with one serving of MetaShake each.
- Please note that the gram specifications refer to the respective "full" unit and should be adjusted accordingly depending on the quantity specification. Example: 1 cup of low-fat quark equals 250 g and 0.5 cup of low-fat quark equals 125 g.
- You may season the meals as you like with pepper, herbs, garlic, ginger, vinegar or similar. Vegetable broth may also be used to cook the ingredients. Salt should only be used in small quantities.
- The listed foods can also be interchanged as long as the macronutrient energy has a similar composition. Please ask your MetaCheck consultant if you need help.

Important!

Your result shows that you do not have a genetic disposition in favor of lactose intolerance. If you would still like to avoid foods containing lactose, you can either replace dairy products with vegan alternatives such as soy yogurt, etc. or use a dairy product commercially available that is labeled "lactose-free". Semi-hard cheeses such as Appenzeller, old Gouda, Emmental, and Edam are considered "lactose-free" because during the long ripening process, the lactose contained in the milk is gradually converted almost completely into lactic acid.

Your result shows that you have a genetic predisposition in favor of gluten intolerance. To avoid gluten intake, you can use commercially available gluten-free substitutes for bread and pasta. Many foods do not naturally contain gluten. Instead of pasta, you can use rice or polenta, for example. Ingredients containing gluten must be indicated in the list of ingredients of packaged foods. When choosing suitable foods, a look at the ingredient list can therefore be helpful.



Food selection for your weekly nutrition plans

We recommend that you include as many different of the foods listed below as possible in your meals over the next 4 weeks to ensure a varied diet.

Vegetables: artichoke, aubergine, cauliflower, broccoli, chicory, chicory, chinese cabbage, iceberg lettuce, endive, fennel, green cabbage, cucumber, ginger, kohlrabi, lettuce, pumpkin, mangold, carrots, paprika fruits, parsnip, leek, radish, rhubarb, Brussels sprouts, beetroot, red cabbage, red cabbage, rocket, sauerkraut, chives, celery, celery, soya sprouts, asparagus, spinach, tomatoes, Jerusalem artichoke, cabbage, savoy cabbage, zucchini, onion

Legumes: white beans, peas, chickpeas, lentils, kidney beans, soybeans

Lean cold cuts: chicken breast, corned beef, ham, vegetarian cold cuts

Lean meat or fish: rabbit, venison, chicken (chicken breast), veal (leg, loin, cutlet), lamb (chicken breast), turkey escalope, lean beef (steak, tenderloin), lean pork (fillet, schnitzel), trout, shrimp, cod, redfish, plaice, pike-perch, **vegetarian alternative:** soya meat, (smoked) tofu

Fruit: pineapple, apple, orange, apricot, banana, pear, blackberry, strawberry, pomegranate, grapefruit, rosehip, blueberry, raspberry, elderberry, honeydew melon, redcurrants (red and black), kaki, prickly pear, cherries (sour and sweet), kiwi, lime, litchi, tangerines, mango, melon, mirabelle plums, nectarines, oranges, papaya, passion fruit, peach, plums, cranberries, quince, sea buckthorn berries, gooseberries, watermelon, grapes, lemon

Raw vegetables: chicory, Chinese cabbage, iceberg lettuce, endive, lamb's lettuce, fennel, pickled cucumber, cucumber, kohlrabi, lettuce, carrots, pepper, radicchio, radish, rhubarb, red cabbage, rocket, celery, bean sprouts, asparagus, spinach, tomatoes, cabbage, onion

Examples for implementation in daily life

Meal: Lunch, Ingredients: Whole grain pasta, vegetables and meat/fish/seafood (low fat).



Ribbon noodles with chicken breast in leek tomato sauce

- · Whole grain ribbon noodles
- Chicken breast
- · Peeled tomatoes (canned)
- Leeks
- · Salt, pepper, chives



Tagliatelle with shrimps and cherry tomatoes

- · Whole grain tagliatelle
- cherry tomatoes
- shrimps
- Parsley
- A squeeze of lemon
- garlic
- · Salt, pepper



Steamed cod fillet with vegetable rice and lamb's lettuce

- · Cod fillet, fresh
- Whole grain rice
- Carrots
- Dill, fresh
- Onions
- zucchini
- · Red pepper, salt
- A squeeze of lemon
- Lamb's lettuce







Nutritional plan

Your starting weight: Your body fat content: Your muscle percentage:

Your meta-type optimized nutrition plan for week 1:

meal	amount	unit	ingredient
Breakfast	6	tablespoon	oats
or MetaShake	1	piece or handful (130 g)	fruit
	200	milliliters	milk (1.5% fat)
Lunch	100	gram	Whole grain pasta or whole grain rice (uncooked)
or MetaShake	4	handful (60 g)	vegetables
	125	gram	Meat/fish/seafood (lean)
Dinner	1	slice (50 g)	Whole grain bread
or MetaShake	1	tablespoon	low-fat cream cheese (17-20% FDM.)
	150	gram	raw vegetables
	2	teaspoon	vegetable oil
	1	tablespoon	vinegar or lemon juice
	1	piece or handful (130 g)	fruit

Your weight Your body fat content Your muscle percentage after week 1: after week 1:

Your meta-type optimized nutrition plan for week 2:

meal	amount	unit	ingredient
Breakfast	2	slice (50 g)	Whole grain bread
or MetaShake	2	slice (30 g)	lean cold cuts
	150	gram	plain yogurt (1.5 % fat)
	1	teaspoon	honey
	1	piece or handful (130 g)	fruit
Lunch	40	gram	Whole grain pasta or whole grain rice (uncooked)
or MetaShake	1	teaspoon	vegetable oil
	30	gram	legumes
	4	handful (60 g)	vegetables
	1	Piece size M	chicken egg
	30	gram	shepherd cheese or feta
Dinner	1	slice (50 g)	Whole grain bread
or MetaShake	30	gram	avocado
	1	slice (30 g)	low fat cheese (20 % FDM)
	2	handful (60 g)	raw vegetables
	1	piece or handful (130 g)	fruit

Your weight Your body fat content Your muscle percentage after week 2: after week 2:



Your meta-type optimized nutrition plan for week 3:

meal	amount	unit	ingredient
Breakfast	6	tablespoon	oats
or MetaShake	1	teaspoon	seeds
	1	small cup (150 g)	plain yogurt (1.5 % fat)
	1	piece or handful (130 g)	fruit
Lunch	60	gram	Whole grain pasta or whole grain rice (uncooked)
or MetaShake	4	handful (60 g)	vegetables
	125	gram	Meat/fish/seafood (lean)
Dinner	2	slice (50 g)	Whole grain bread
or MetaShake	3	slice (30 g)	lean cold cuts
	2	handful (60 g)	raw vegetables
	2	teaspoon	vegetable oil
	3	tablespoon	vinegar or lemon juice
	1	piece or handful (130 g)	fruit

Your weight Your body fat content Your muscle percentage after week 3: after week 3:

Your meta-type optimized nutrition plan for week 4:

meal	amount	unit	ingredient
Breakfast	2	slice (50 g)	Whole grain bread
or MetaShake	1	tablespoon	low-fat cream cheese (17-20% FDM.)
	1	piece or handful (130 g)	fruit
	2	slice (30 g)	lean cold cuts
Lunch	200	gram	potato
or MetaShake	50	gram	Shepherd's cheese or feta, low fat (20% fat in dry matter)
	4	handful (60 g)	vegetables
	100	gram	low-fat quark
	1	piece or handful (130 g)	fruit
Dinner	1	large cup (250 ml)	vegetable broth
or MetaShake	2	handful (60 g)	vegetables
	1	slice (30 g)	cheese (48 % FDM)
	2	slice (50 g)	Whole grain bread

Your weight Your body fat content Your muscle percentage after week 4: after week 4:







Beverages

Beverages are necessary for our health, fitness and performance. We should drink about 2 liters of liquid a day. Beverages are supposed to quench thirst and balance the water balance in our body. They are also a crucial factor in losing weight, because they can contain hidden calories. The following drinks are ideal for losing weight:

- water
- unsweetened fruit and herbal tea
- fruit and vegetable juices diluted with water (3 water : 1 juice)



Good to know:

What is often underestimated when losing weight or during a dietary change are the effects of alcohol consumption on weight. Alcohol is very high in calories and negatively influences physiological processes in our body. It reduces our performance and ability to concentrate, thus leading to an increased risk of injury as well as delayed regeneration and has a dehydrating effect. Last but not least, alcohol inhibits the breakdown of fat and the build-up of muscle and can therefore promote the build-up of fat and the breakdown of muscle.

Popular beverages with their sugar content as well as calorie content:

Beverages	Pure sugar [100 ml]	Sugar cube [3 g / 100 ml]	Calories [kcal / 100 ml]
Water	0	0	0
Tea without sugar	0	0	0
Coffee without sugar and without milk	0	0	0
Coffee with a little milk without sugar	0,4	0,1	4,1
Vegetable juices	2,5	0,8	33,9
Fruit juices	13,5	4,5	61,6
Lemonades	10,0	3,3	41,6
Iced tea	10,0	3,3	41,6
Soft drinks	10,9	3,6	47,1
Sparkling wine	5,1	1,7	82,9
Wine	2,6	0,9	73,1
Beer	0,2	0,1	42,3



MetaShake®

The revolutionary meal replacement system

MetaShake® is meta-type optimized and is a unique meal replacement that takes your individual genetic disposition into account. It makes it easier for you to lose weight even if your schedule is full and life is hectic! Especially in stressful situations, it is an excellent alternative to your meta-type meals.

What distinguishes the MetaShake®?

MetaShake®, with real vanilla, does not contain any additives and is also lactose-free, gluten-free and suitable for vegetarians. With its high fibre content, the shake ensures long saturation and natural digestion. It also contains all the necessary vitamins, minerals and nutrients that your body needs as part of a balanced and meta-type appropriate diet.

How should I use the MetaShake®?

To reduce your weight, you can replace two complete meals a day with your individualized MetaShake®, e. g. breakfast and dinner. To maintain your weight, you can replace a meal every day.

Preparing the shakes is child's play. Take a sachet of 60 g powder in 200 ml water and shake well in a shaker. Your shake is ready to drink and can be enjoyed extensively.

breakfast lunch dinner













MetaShake® Recipes

Mint Melonilla

A light and refreshing MetaShake recipe, perfect for hot summer days. The mint gives an additional fresh kick.

Ingredients:

1 Sachet MetaShake® 300 ml water 100 g honeydew melon 10 pcs. mint leaves



Wild Berry Vanilla



Whether you use strawberries, raspberries or blueberries, all berries are true vitamin C bombs and protect our bodies against diseases. Although they are sweet and contain carbohydrates, they are even suitable for diabetics due to the high amount of fibre.

The antioxidant effect of the fruits also reduces blood pressure.

We don't want to miss this low-calorie superfood in our MetaShake smoothies, so we have a super-fast recipe for you here.

Ingredients:

1 Sachet MetaShake® 300 ml water 50 g berries frozen



Meta-Type specific food-list

Based on your meta type Gamma you will find in the following tables different foods, which are color-coded according to their potential for weight





Cereal(-products) and pseudocereals	
Baked goods	
Baguette	
Black bread (whole grain)/"Pumpernickel"	
Bread, whole grain (all types of cereals)	
Crispbread	
Crispbread, whole grain	
Croissant	
Flatbread	
Flatbread, whole grain	
Multi-grain bread	
Prezel	
Roll, wheat	
Roll, whole grain	
Breadcrumbs	
Breadcrumbs, whole grain	
Rusk, without egg	
Rusk, without egg, whole grain	
Rye bread, sourdough	
Toast, wheat	
Toast, whole grain	
White bread	
Breakfast cereals	
Flakes	
Buckwheat flakes	
Millet flakes	
Oat flakes	
Oat flakes, instant	
Quinoa flakes	
Rye flakes	
Whole grain flakes (e. g. "6-Korn-Flocken")	
Whole wheat flakes	
Other	
Amaranth, puffed, unsweetend	
Breakfast bisciuts, with added sugar	
Breakfast cereals, with added sugar	
Chia seed pudding, with milk (1.5 % fat) Cornflakes, no added sugar	
Crunchy granola, with added sugar Muesli bar/granola bar, with added sugar	
Muesli with dark chocolate	
Muesli with dried fruits, no added sugar	
Muesli with nuts, no added sugar	
Overnight oats, with milk (1.5 % fat)	
Porridge, dry product, no added sugar	
Quinoa, puffed, no added sugar	
Smoothie bowl, with fresh fruit and cottage cheese	
Doughs and mixes	
Flammkuchen dough, ready to bake	
Pancake mix (dry product)	
Pizza dough, ready to bake	
Puff Pastry, ready to bake	
Grains, flours, grinding products (containing gluten)	
Barley, seed	
Pearl barley	
Oats, seed	

Oat bran	
Rye, seed	
Spelt, seed	
Spelt bran	
Green spelt (unripe spelt grain)	
Wheat, seed	
Bulgur	
Couscous	
Wheat semolina	
Wheat germs	
Wheat bran	
Tender wheat ("Ebly")	
Flours (all sorts containing gluten)	
Pastry flour (US)/soft flour (UK)/Type 405 (D)	
All-purpose flour (US)/plain flour (UK)/Type 550 (D)	
First clear flour (US)/ hard flour (UK)/Type 1050 (D)	
Flour, whole wheat/wholemeal	
Ancient grains	
Einkorn, seed	
Emmer, seed	
Kamut, seed	
Triticale, seed	
Flour, wholemeal (from ancient grains)	
(Pseudo)Cereals, flours, grinding products (gluten free)	
Amaranth, seed	
Buckweed, seed	
Corn, seed	
Cornmeal/Polenta (maize semolina)	
Corn, Popcorn (pure)	
Corn, Popcorn, with sugar (cinema popcorn)	
Flour, wholemeal (gluten free grains)	
Millet, seed	
Quinoa, seed	
Rice, Basmati	
Rice, whole grain (Parboiled)	
Rice, whole grain (Faibblied)	
Thickeners and starch	
Agar	
Arrowroot, powder	
Corn starch	
Gelatine, clear, unflavoured	
Guar gum, powder	
Inulin	
Locust bean gum, powder	
Pectin	
Potato starch	
Rice starch	
Sago (Pearl tapioca)	
Wheat starch	
Xanthan gum, powder	







	Vegan cheese, made from coconut oil and starch
Pasta products	Vegan cheese, made from nuts
Glass noodles/Chinese noodles, uncooked Instant noodles (dry product)	Dairy products
Kritharaki (Greece pasta), uncooked	Buttermilk, max 1 % fat
Legume-pasta (from lentils etc.), uncooked	Buttermilk, with fruit
Pasta, egg free, uncooked	Condensed milk, 7.5 % fat
Pasta, egg free, wholemeal, uncooked	Crème fraîche, 30 % fat
Pasta, egg pasta, uncooked	Crème double, 42 % fat
Rice noodles, uncooked	Crème légère, 15 % fat
Shirataki noodles, uncooked	Cream, soured, 10 % fat
Milk and dairy products, cheese and egg	Cream, soured, 20 % fat Fruit yoghurt 0.1 % fat
Cheese	Fruit yoghurt, 3.5 % fat
Cream cheese	Hot Chocolate with skim milk
Cream cheese preparations	Kefir, low fat, 1.5 % fat
3 % fat absolute, low fat	Schmand, 24 % fat
17 % fat absolute, medium fat	Sour Cream, 11 % fat
25 % fat absolute, full fat	Sour milk, 3.5 % fat
Cottage cheese, 3.9 % fat absolute	Whey, 0.1 % fat
Fruit quark, 0.2 % fat absolute	Whipping cream, 30 % fat Cooking cream, 15 % fat
Fruit quark, 3.5 % fat absolute	Plant-based alternative to cream, 7 % fat
Mascarpone, 80 % FDM Mozzarella, buffalo milk	Heavy (whipping) cream, 35 % fat
Mozzarella, cow's milk	Spray cream, 30 % fat
Mozzarella, cow's milk, low fat	Yoghurt, natural (plain), non fat, max. 0.1 % fat
Quark, low fat, < 10 % FDM (0.2 % fat absolute)	Yoghurt, natural (plain), low fat, 1.5 % fat
20 % FDM, semifat	Yoghurt, natural (plain), whole milk, 3.5 % fat
40 % FDM, full fat	Yoghurt, natural (plain), greek style, 10 % fat
Ricotta, 45 % FDM	Plant-based alternatives to dairy products, vegan
Schichtkäse, 10 % FDM	Plant-based cooking creams
Soft cheese	Coconutmilk, canned
Brie, 50 % FMD	Creme Vega (soy)
Camembert, 45 % FMD	Cuisine Almond
Camembert, 30 % FMD	Cuisine Coconut
Feta (sheep's milk), 45 % FMD Feta (sheep's milk), light, 9 % fat absolute	Cuisine Rice
Gorgonzola, 50 % FMD	Soya alternative to single cream Soya alternative to single cream, light
Brined cheese/"Feta" (cow's milk), 45 % FMD	Plant-based yoghurt
Brined cheese (cow's milk), 12 % absolute	
Limburger, 40 % FMD	Coconut yoghurt, sweetened Lupine yoghurt, sweetened
Processed cheese, 45 % FMD	Soy yoghurt, plain, sweetened
Processed cheese, slices	Soy yoghurt, plain, unsweetened
Romadur, 30 % FMD Roquefort, 52 % FMD	Soy yoghurt, Vanilla
Saint Albray, 62 % FMD	Soy-almond-yoghurt, unsweetened
Sliced cheese	Soy-coconut-yoghurt, unsweetened
Buttercheese, 60 % FMD	Plant-based quark
Buttercheese, 30 % FMD	Quark, from soybeans, sweetened
Gouda, 48 % FMD (29 % fat absolute)	Quark, from soybeans, unsweetened
Gouda, 30 % FMD (18 % fat absolute)	Silken tofu
Edamer, 45 % FMD	Plant-based spreads
Edamer, 30 % FMD	Alternative to cream cheese (soy), herbs
Tilsiter, 45 % FMD	Alternative to cream cheese (soy), tomato
Tilsiter, 30 % FMD	Lard, plant-based, with apples and onion
Leerdammer, 45 % FMD	Spread, curry and lentil Spread, tomatoe and basil
Hard cheese	
Appenzeller, 50 % FMD	Eggs
Cheddar (Chester), 50 % FMD Emmentaler, 45 % FMD	1 hen's egg (whole), size M 1 egg white, size M
Greyerzer/Gruyère, 45 % FMD	1 egg write, size M
Manchego, 50 % FMD	
Mountain cheese, 45 % FMD	Egg replacer, vegan
Parmesan, 37 % FMD	Aquafaba (Chickpea Brine) Egg replacer with corn starch, dry product)
Pecorino, 40 % FMD	Kala Namak (salt with natural egg flavour)
Provolone, 45 % FMD	Soy flour, full-fat
Sour milk cheese	Soy flour, defatted
Bauernhandkäse	

Harzer cheese ("Mainzerkäse")
Plant-based cheese, vegan



Milk	
Milk (cow's milk), 3.5 % fat	
Milk (cow's milk), 1.5 % fat	
Milk (cow's milk), skimmed, 0.1 % fat	
Goat milk	
Sheep's milk	
Plant-based drinks ("vegan milk")	
Almond drink, unsweetened	
Caswhewmilk, unsweetend	
Coconut drink, unsweetened Hazelnut drink, unsweetened	
Hemp seed drink, unsweetend	
Lupine milk, unsweetened	
Macadamia milk, unsweetened	
Oat milk, unsweetend	
Rice & Quinoa drink, unsweetened	
Rice milk, unsweetened	
Soy milk, unsweetened	
Soy milk, banana, sweetened	
Soy milk, light, sweetened	
Soy milk, chocolate, sweetened Soy milk, vanilla, sweetened	
Spelt drink, unsweetend	
Spreadable fats & Oils	
·	
Oils suited for the cold kitchen	
Avocado oil, cold pressed	
Chia seed oil, cold pressed	
Hemp seed oil, cold pressed Pumpkin seed oil, cold pressed	
Linseed oil, cold pressed	
Rapeseed oil, cold pressed	
Sesame seed oil, dark, roasted, cold pressed	
Grape seed oil, cold pressed	
Walnut oil, cold pressed	
Wheat germ oil, cold pressed	
Oils suited for the warm kitchen	
(e.g. for frying vegetables)	
Albaöl (Rapeseed oil with butter flavor)	
Safflower oil, refined	
Peanut oil, refined	
Corn oil, refined	
Olive oil, native	
Plant-based fat for frying (e. g. Rama Culinesse)	
Rapeseed oil, refined	
Sesame seed oil, not roasted, unrefined	
Oils & fats suited for the warm kitchen	
(for very high temperatures, e. g. searing; deep frying)	
Goose fat	
Ghee (clarified butter)	
Coconut oil, cold pressed	
Beef fat (grazer)	
Red palm oil , unrefined and cold pressed	
Lard Sunflavor all refined	
Sunflower oil, refined	
Spreadable fats	
Alon (plant based "hutter") yegen	
Alsan (plant-based "butter"), vegan Butter (sweet or cultured)	
Salad dressing (mayonnaise and yoghurt), 25 % fat	
Mayonnaise, 80 % fat	
Mayonnaise, légère 4.8 % fat	
Vegetable margarine	
Vegetable margarine, light	
Remoulade, 60 % fat	
Mayonnaise, 50 % fat	
Onion lard	
Onion lard Spices, Dips, Sauces & Seasonings	

Aioli	
Ajvar (Paprika paste)	
Barbecue sauce	
Béchamel sauce	
Bernaise sauce	
Bouillon, powder, without flavour enhancers	
Burger sauce	
Chutney	
Cocktail sauce	
Cream sauce	
Frankfurt green sauce	
Garlic sauce	
Gravy, dry product	
Guacamole	
Hollandaise sauce	
Hot dog sauce	
Hummus	
Ketchup	
Mushroom sauce ("Jägersauce")	
Olive tapenade	
Paprika sauce ("Zigeunersauce")	
Peanut sauce	
Pesto	
Salad dressing "Sylt style", convenience product	
Salad dressing, dry product	
Salad dressing, oil & vinegar, convenience product	
Salad dressing, oil & vinegar, home-made	
Salsa sauce	
Sweet & sour sauce	
Teriyaki sauce	
Thousand island dressing, convenience product	
Tomato sauce (arrabiata)	
Tomato sauce (bolognese)	
Tomato sauce, convenience product, jarred	
Tsatziki	
Yoghurt dressing, convenience product	
asonings	
Curry paste, green	
Curry paste, red	
Fish sauce	
Horseradish sauce	
Liquid seasonings (e. g. Maggi)	
Miso (japanese spice paste)	
Mustard, medium hot	
Mustard, sweet	
Oyster Sauce	
Oyster Sauce, vegetarian	
Sambal Oelek	
Sesame paste (tahini)	
Soy sauce	
Tabasco	
Tomato puree	
Vinegar	
Balsamic vinegar (balsamic reduction)	
Wasabi	
Worcester sauce	







Spices	
Caraway	
Cardamom	
Chilli paste (harissa)	
Chillies	
Cinnamon	
Coriander	
Cumin	
Curry powder	
Ginger Herbs, dried (e. g. oregano, basil, etc.)	
Nutmeg	
Paprika powder	
Pepper	
Spice mixes, with additives (sugar, fat, etc.)	
Spices, pure, without additives	
Turmeric	
Vegetables and vegetable products	
Artichokes, raw	
Artichokes, jarred, preserved in oil	
Asparagus, raw	
Asparagus, jarred	
Aubergine/eggplant, raw Bamboo shoots, jarred	
Beetroot, raw	
Beetroot, chips, diep fried	
Beetroot, jarred	
Beetroot, vacuum-treated and sealed	
Broccoli, raw	
Brussel sprouts, raw	
Carrots, raw	
Carrots, canned Cauliflower, raw	
Celeriac, raw	
Celeriac, jarred	
Celery, raw	
Chestnuts, raw	
Chinese cabbage, raw	
Fermented Chinese cabbage (Kimchi), jarred	
Cucumber, raw	
Sandwich gherkins, jarred Dill pickles, jarred	
Fennel, raw	
Frozen vegetables, without additives	
Garlic, raw	
Ginger, raw	
Ginger, jarred	
Horseradish, Root, raw	
Jerusalem artichoke, raw	
Kale (green cabbage), raw	
Kale, jarred Kohlrabi, raw	
Leek, raw	
Lettuce, raw	
Chicory, raw	
Endive, raw	
Head lettuce, raw	
Iceberg lettuce, raw	
Lamb's lettuce, raw Radicchio, raw	
Rocket, raw	
Mung bean sprouts, raw	
Mung bean sprouts, jarred	
Mushrooms, raw	
Oyster mushroom, raw	
Butter fungus, raw	
Butter fungus, jarred	
Butter fungus, jarred White mushrooms, raw	
Butter fungus, jarred White mushrooms, raw White mushrooms, jarred	
Butter fungus, jarred White mushrooms, raw	

Chanterelles, raw	
Chanterelles, jarred	
Porcini, raw	
Porcini, dried	
Truffles, raw	
Onion, raw	
Parsley root, raw	
Parsnip, raw	
Parsnip, chips, deep fried	
Peas, green, raw	
Pepper fruit , raw	
Pepper fruit, jarred, preserved in oil	
Pointed cabbage, raw	
Potatoes, raw, with peel	
Potato chips	
Potato, jarred	
French fries, ready-to-eat, salted	
Potato flakes (puree, dry product)	
Pumpkin, raw	
Radish, raw	
Red cabbage, raw	
Red cabbage, jarred	
Red radish, raw	
Rhubarb, raw Romanesco, raw	
Salsify, raw Savoy, raw	
Soy bean sprouts, raw	
Soy bean sprouts, jarred	
Spinach, raw	
Baby spinach, raw	
Creamed spinach, deep frozen	
Spring onion, raw	
String beans, raw	
String beans, canned	
Sugar snaps, raw	
Sweetcorn (cob), raw	
Popcorn, with sugar ("cinema popcorn")	
Corn, puffed, (corn crackers)	
Sweetcorn, canned	
Sweet potato (Batate), raw	
Sweet potato, chips, deep fried	
Swiss chard, raw	
Tomatoes, raw	
Tomatoes, paste, canned	
Tomatoes, dried	
Tomatoes, preserved in oil	
Tomato ketchup, with added sugar	
Tomato puree, salted	
Turnips, raw	
White cabbage, raw	
Sauerkraut, jarred	
Zucchini, raw	
Zucchini, chips, deep fried	
Fresh herbs	
Basil, fresh	
Chive, fresh	
Coriander, fresh	
Dill, fresh	
Garden cress, fresh	
Mint, fresh	
Parsley, fresh	
Watercress, fresh	



Fruits and fruit products	Plum, dried (NAS, non-sulphurized)
NAS = no added sugar/ AS = with added sugar	Pomegranate, raw
Apple, unpeeled, raw	Pomelo, raw
Apple, dried (NAS, non-sulphurized)	Quince, raw
Apple, dried (sulphurized)	Raspberries, raw Raspberries, freeze-dried
Applesauce, jarred (NAS)	Sea buckthorn berries, raw
Apricot, raw	Strawberries, raw
Apricot, canned, sugared	Strawberries, freeze-dried
Apricot, dried (NAS, non-sulphurized)	Watermelon, raw
Avocado, raw	Legumes, kernels, seeds and nuts
Guacamole, jarred	
Banana, raw	Legumes
Banana chips (AS and fat, sulphurized) Banana, dried (NAS, non-sulphurized)	Beans, white, dried
Blackberry, raw	Beans, white, canned
Blood orange, raw	Chickpeas, dried
Blueberries, raw	Chickpeas, canned
Blueberries, freeze-dried	Kidney beans, dried
Cherries, sour, raw	Kidney beans, canned
Morello cherries, jarred, sugared	Lentils, dried
Cherries, sweet, raw	Lentils, canned Peas, dried
Cranberries, dried, sugared	Peas, canned
Currants, raw, red	Soy beans, dried
Currants, raw, black	Soy beans, canned
Currants, raw, white	Kernels & Seeds
Dates, dried (NAS, non-sulphurized)	
Elderberries, raw, black	Chia seeds
Fig, dried (NAS, non-sulphurized)	Hemp seeds, peeled Linseeds
Fig, raw	Pine nuts
Galia melon, raw	Pistachio kernels
Goji berries, dried (NAS, non-sulphurized) Gooseberries, raw	Poppy seeds
Grapefruit, red, raw	Psyllium husks
Grapefruit, white, raw	Pumpkin seeds
Grapes, raw	Sesame seeds, white, unpeeled
Black Corinths, dried (NAS, non-sulphurized)	Sesame seeds, black, unpeeled
Raisins, dried (NAS, non-sulphurized)	Gomasio
Sultanas dried (NAS non sulphurized)	0 %
Sultanas, dried (NAS, non-sulphurized)	Sunflower seeds
Honeydew, raw	Sunflower seeds Nuts
Honeydew, raw Kiwi, raw Lemon, raw	Nuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed	Nuts Almonds
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw	Nuts Almonds Brazil nuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized)	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style)	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, lean meat without fat
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized)	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, lean meat without fat Beef, leg
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized)	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized)	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver Beef, minced (maximum 20 % fat)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized) Pear, raw Pear, raw Pear, raw Pear, raw Pear, raw Pear, raw Pear, garred (NAS)	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver Beef, minced (maximum 20 % fat) Beef, steak tartare (maximum 7 % fat)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized) Pear, raw Pear sauce, jarred (NAS) Pear, canned, sugared	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver Beef, minced (maximum 20 % fat)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized) Pear, raw Pear sauce, jarred (NAS) Pear, canned, sugared Persimmon, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver Beef, minced (maximum 20 % fat) Beef, steak tartare (maximum 7 % fat)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized) Pear, raw Pear sauce, jarred (NAS) Pear, canned, sugared Persimmon, raw Physalis, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver Beef, minced (maximum 20 % fat) Beef, steak tartare (maximum 7 % fat)
Honeydew, raw Kiwi, raw Lemon, raw Lemon juice, freshly-squeezed Lime, raw Lingonberry, raw Litchi, raw Litchi, canned, sugared Mandarin, raw Mandarin, canned, sugared Mango, raw Mango, canned, sugared Mango, dried (NAS, non-sulphurized) Mirabelles, raw Mirabelles, canned, sugared Mulberries, dried (NAS, non-sulphurized) Nectarines, raw Olives, black, marinated (Greek style) Olives, green, marinated Orange, raw Papaya, raw Passion fruit, raw Peach, canned, sugared Peach, dried (NAS, non-sulphurized) Pear, raw Pear sauce, jarred (NAS) Pear, canned, sugared Persimmon, raw Physalis, raw Pineapple, raw	Nuts Almonds Brazil nuts Cashews Chestnuts Coconut milk Coconut paste, 100 % coconut Coconut, ripe Hazelnuts Macadamia nuts Nut paste (100 % nut) Peanuts, unroasted Peanut butter, 100 % peanuts Peanuts, rosted Pecan nuts Tigernuts (nut alternative) Trail mix Walnuts Meat and poultry Beef Beef, canned Beef, fillet Beef, lean meat without fat Beef, leg Beef, liver Beef, minced (maximum 20 % fat) Beef, steak tartare (maximum 7 % fat)







Game (Quarry)	Turkey, with skin
Hare	Turkey hen, breast, without skin
Venison (deer, stag)	Turkey hen, leg, without skin
Venison (roe deer)	Veal
Wild boar	Veal, escalope (no breadcrumb coating)
Lamb	Veal, fillet
	Veal, meat chop
Lamb, escalope	Veal, Wiener Schnitzel (breaded, fried)
Lamb, fillet	Fish and fish products
Lamb, leg	-
Lamb, meat chop	Brathering, jarred
Lamb, minced	Brown trout, fresh
Meat products & sausages	Carp, fresh
Bierschinken	Caviar (sturgeon), jarred
Blood sausage	Caviar (other fish), jarred
Bologna sausage (Fleischwurst)	Cod, fresh
Bratwurst (pork)	Common sole, fresh
Ham, salted and cooked	Crab, fresh
Ham, saltet and smoked	Crustacea (crayfish), fresh
Jagdwurst	European flounder, fresh
Liverwurst	Hake (Merlucciidae), fresh
Meat loaf (Leberkäse)	Halibut, fresh
Mettwurst (Braunschweiger)	Lobster, fresh
Minced meat (pork and beef, maximum 30 % fat)	Northern pike, fresh
Mortadella	Oysters, fresh
Poultry sausage, lean	Perch, fresh
Salami	Plaice, fresh
Saveloy	Pollock (saithe), fresh
Vienna sausage	Pollock, preseved in oil, canned
Meat substitutes	Pollock, smoked
	Rose fish (red perch), fresh
Quorn	Scampi, fresh
Seitan	Sea eel (Seeaal), smoked
Soy cutlets	Shrimp, fresh
Tempeh	(Skipjack) Tuna, fresh (Katsuwonus pelamis)
Tofu	Tuna, in oil, canned
Almond-nut-tofu	Tuna, in water, canned
Silken tofu	Zander, fresh
Smoked tofu	Cuttlefish
Vegetarian liverwurst	Octopus (Pulpo), fresh
Vegetarian salami	Sepia, fresh
Vegetarian sausage	Squid, fresh
Vegetarian schnitzel	Cold water fish, high in omega-3 fatty acids
Other	
Goat	Anchovy, fresh
Horse	Anchovy, in oil, canned
Rabbit	Eel, freshwater eel, fresh
Pork	Eel, smoked
	Herring, fresh
Bacon	Herring, fillet (Matjesfilet)
Pork, belly	Herring, fillet, in cream sauce
Pork, cured, lean	
	Herring, fillet, in tomato sauce, canned
Pork, diced ham (lean)	Herring, in jelly
Pork, escalope (from the topside)	Herring, in jelly Herring, marinated ("Bismarckhering")
Pork, escalope (from the topside) Pork, fillet	Herring, in jelly
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett")	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat)	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat)	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product)
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken breast, without skin	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken, boiler	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly Pudding, chocolate
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken, boiler Chicken, heart	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken breast, without skin Chicken, boiler Chicken, leg with skin	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly Pudding, chocolate Pudding, vanilla Rice pudding
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken breast, without skin Chicken, boiler Chicken, heart Chicken, leg with skin Chicken, liver	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly Pudding, chocolate Pudding, vanilla
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken breast, without skin Chicken, boiler Chicken, heart Chicken, leg with skin Chicken, liver Duck, breast with skin	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly Pudding, chocolate Pudding, vanilla Rice pudding
Pork, escalope (from the topside) Pork, fillet Pork, ground ("Mett") Pork, lean meat without fat Pork, meat chop Pork, minced (maximal 30 % fat) Pork, neck Poultry Chicken, roast chicken, whole Chicken breast, with skin Chicken breast, without skin Chicken, boiler Chicken, heart Chicken, leg with skin Chicken, liver	Herring, in jelly Herring, marinated ("Bismarckhering") Mackerel, fresh Mackerel, smoked Salmon, fresh Salmon, smoked Sardine, fresh Sardine, in oil, canned Tuna (Thunnus), fresh Sweets, pastry and sweeteners Desserts (Ready-to-eat product) Jelly Pudding, chocolate Pudding, vanilla Rice pudding Rote Grütze (red fruit dessert)

Goose, leg with skin



Ice cream	
Fruit ice (Italian ice)	
Ice cream (with cream)	
Ice cream (with milk)	
Sorbet	
Water ice	
Salty snacks	
Bamba (German: "Erdnussflips")	
Breadstick (Grissini)	
Cheese breadsticks	
Nachos/Tortilla chips Potato chips, deep fried	
Salt sticks/Pretzel sticks	
Sweets	
Candy Chocolate, with nuts	
Chocolate, dark (= 90 % Cocoa)	
Chocolate, milk	
Chocolate, white	
Gummi candy	
Liquorice (confectionery)	
Marzipan	
Nougat	
Sweeteners	
Agave nectar	
Coconut sugar	
Concentrated apple/pear juice	
Date syrup	
Erythritol, no calories	
Golden syrup	
Honey Maple syrup	
Rice syrup	
Stevia (100 %)	
Sugar, brown	
Sugar, white	
Xylitol, 40 % less calories than sugar	
Yacón syrup	
Sweet pastries (Ready-to-eat)	
Apple strudel	
Cake, curd-oil-dough	
Cake, sponge cake	
Cake, yeast dough	
Cookies/Biscuits	
Cream cake	
Fruit tart Waffels	
Sweet spreads	
Chocolate-hazelnut spread	
Fruit jelly, all kinds	
Jam, all kinds Pear & apple spread, no added sugar	
Beverages	
Alcoholic beverages	
Beer (5 %)	
Brandy (32 %)	
Cider (5 %)	
Kölsch beer (5 %) Pale lager (5 %)	
Sparkling wine (11-12 %)	
Table wine, white (9-10 %)	
Wine, red (10-12 %)	
Wine, white (10-12 %)	
Non-alcoholic beverages/softdrinks	
Coke	
Coke, no sugar (light)	
Energy drink	
Zirorgy urinit	

Fermented softdrinks (e. g. Bionade) Ice tea Ice tea, light Malt beer (0.04 - 0.6 %)
Ice tea, light Malt beer (0.04 - 0.6 %)
Malt beer (0.04 - 0.6 %)
Sprite
Fruit juices and smoothies
Apple juice, freshly-squeezed
Banana juice, direct juice
Beetroot juice, direct juice
Blood orange juice, freshly-squeezed
Buckthorn berry juice, freshly-squeezed
Carrot juice, direct juice
Elderflower syrup
Grape juice, direct juice
Grapefruit juice, freshly-squeezed
Juice spritzer, home-made, 3(water):1(juice)
Orange juice, freshly-squeezed
Pineapple juice, direct juice
Tomato juice, direct juice
Hot beverages
Cappuccino (without sugar)
Coffee (no milk, no sugar)
Coffee (with a little milk, no sugar)
Coffee, sugared
Coffee substitute
Cereal-based coffee
Malt coffee
Chicory-based coffee
Latte Macchiato (no sugar)
Tea (no sugar)
Meal replacements
MetaShake, Type Alpha
MetaShake, Type Beta
MetaShake, Type Gamma
MetaShake, Type Delta
Smoothies
Fruit smoothie, freshly made
Green smoothie, freshly made
Other beverages
Beer, alcohol-free
Brottrunk

Kombucha (fermented tea)
Sparkling wine, alcohol-free







The CoGAP® Nutrition Portal

The nutrition portal of CoGAP® (http://healthy-eating.cogap.eu) offers the possibility of receiving recipe suggestions as well as diet and nutritional programmes that are adapted to the calorie requirements in accordance with the meta-type. These take into account not only the meta-types but also other personal characteristics such as gender, age, height, weight and physical activity.



BMI calculator, Calorie requirement, Sports and Nutrition tips









Sports section

Burn calories effectively!









Many people pursue the goal of building their muscles through sporting activities. The basis for a successful training plan to build muscle is the composition of your own muscle fibre. There are basically two types of muscle fibers: red muscle fiber (slowly twitching) and white muscle fiber (fast twitching). The composition of the muscle fibre is determined primarily by genetics and is therefore highly individual and differs from person to person. So if you know your own muscle fibre composition, you can perfectly adapt your training plan to build muscle.



In addition to effective muscle building, any form of exercise can generally have a positive impact on your fitness, health and well-being. Due to the increased energy consumption, weight loss is thus favoured. However, your genetic predisposition has an influence on which activities help you burn more calories. While the endurance version E (like "Endurance") is characterized by a high calorie consumption during endurance training, the (fast) power version S (like "Speed" or "Speed-Power") shows a significantly higher calorie consumption for both speed and muscle strength-based training types.

In a successful weight reduction plan, it is also important to regularly observe the development of the body by means of a profound body analysis. An extensive analysis includes the measurement of the individual relevant body compartments such as body water (TBW), fat-free mass (FFM), lean mass (LBM), fat mass (FM), body cell mass (BCM) and extracellular mass (ECM).



Your sport variant

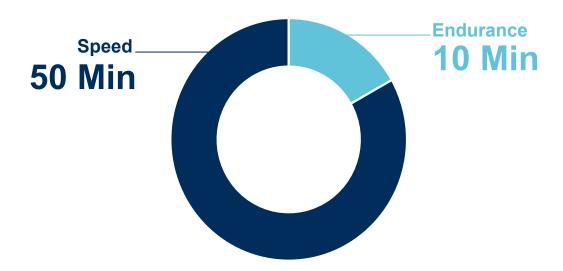
Factor	Effect	Speed	Endurance
Exercise	Speed		

Your **Sport-type S** means that you have a more effective and therefore higher calorie consumption in all fast strength-based sports (such as weight training on equipment, aerobics, body pumping, tennis or interval training) than in endurance-oriented sports.

Make the most of your genetic disposition and prioritize your training with speed and strength-based sports. For a 60-minute training plan, we recommend a distribution of endurance sports to speed and strength-based sports as depicted in the diagram below.

Nevertheless, any form of regular exercise is suitable for increasing your basal metabolic rate in the long term. If you are able to cope better with endurance training, it is advisable for you to integrate this more strongly into your training plan, instead of doing without sport altogether.

In addition, you should always ensure that the training is appropriate for your circumstances and does not lead to health issues, such as joint problems caused by excessive strain. Therefore, your training plan will be developed together with your trainer according to your personal needs, wishes and goals.









Further individual recommendations

For your sport variant S (Speed), strength training on equipment as well as aerobic, body pump and abdominal/thigh-courses are suitable. But also handball, basketball, setback games like tennis and martial arts like judo are appropriate. Both strength and speed are important in these sports. Strength training on equipment can be structured as follows:

Training method

Focus on muscle training and muscle-demanding courses

Muscle training

Hypertrophy-, Maximum- and Speed-Strength (depending on the phase 8 – 12 repeats)

In addition and especially useful

Interval method for cardiovascular devices (muscular strain)

Training frequency

At least twice a week





Regeneration

While trainers and athletes put a lot of thought into designing a perfect training plan so that the body changes positively as quickly as possible, the regenerative measures are unfortunately often neglected. However, it is during this regeneration phase that the desired anabolic processes take place. A smart athlete will therefore give as much thought to suitable regeneration measures as to the training itself. If the ratio of load (training) and recovery time (rest) between units is correct, the supercompensation effect (the body builds up an energy buffer in order to be able to perform better) can be optimally exploited. If the ratio is not right, if training is done too often and possibly additionally too hard over a longer period of time, overtraining with overload of tendons, fasciae and joints can occur. Here oxidative stress in the individual cells and inflammatory reactions play a special role and can have a considerable negative influence on regeneration after strenuous training sessions. The muscles do not grow, they stagnate and the own performance can no longer be improved.

Your individual genetic evaluation has shown that you need a longer recovery period compared to the average, especially after hard training sessions. Therefore, we recommend that you train your different muscle groups once a week. Please take this into account when creating a training plan so that you can prevent long-term muscle injuries.









Post-Workout MetaShake®

Chocolate makes us happy. This is not only because of its delicious taste, but also because of the high serotonin and dopamine content in the cocoa powder. But the stimulant can do more: cocoa not only has a positive effect on the elasticity of the blood vessels, but also increases the nitrogen oxide content in the blood. As a result, our muscles are better supplied with nutrients after a strenuous workout and the body can recover better.

We take advantage of these healthy properties and use pure cocoa powder without added sugar instead of sweet snacks for our MetaShake recipe. In addition, we mix oat flakes, which make us feel filled for a long time with their complex carbohydrates and fibre. Cinnamon also prevents hunger attacks.

Besides cocoa and oats, quark also serves as a source of protein after exercise. This results in a perfect regenerative shake, which provides you with all important nutrients after an extensive, sport-type appropriate training!

Ingredients:

1 Sachet MetaShake®

400 ml water

1 tablespoon cocoa powder (e. g. baking cocoa)

1 tablespoon tender oat flakes

50 g lowfat quark

1 teaspoon cinnamon





Your sport type and EMS training

Electro-Myo Stimulation Training (EMS) enables you to effectively train all the muscles of your body. In addition, you can define various parameters of the EMS training, for example, you can adjust the frequency, duration of contraction and duration of use to suit your personal sport type, resulting in effective calorie consumption.



According to your sport type **Sport-type S**, we recommend that you adjust the parameters of the EMS training with the help of your trainer as follows, so that it corresponds to your genetic predisposition so that you effectively burn calories:

Training method	EMS-Training
Training frequency	Once a week (or at least 4 days break)
Training time	12 - 15 min + subsequent relaxation phase
Intensity	high
Supplementary training	1 - 2 times a week weight training







Further suitable course offerings

If you are interested in attending sports courses, please refer to the following list. This offers you a large selection of courses, which are suitable for your sport variant.

We wish you much fun and success!

Cardio Courses

BodyCombat, Box Workout, Buisness Box, Capoeira Fit, Climbing Hour Cycling, Cross Over Cycling, Energy Cycling, Fatburner Intervall, Fatburner Intervall Cycling, FitBo, RPM

Health Courses

Dynamic Pilates, Dynamic Yoga, Flexi X-press, FlexiFit

50+ Courses

Pilates, Back & Flexifit, BackFit, Stretch & Relax

Strengthening Courses

Belly X-Press, BodyFit, BTB (Butt, Thighs and Belly), H.I.T., Hot Iron, Hot Iron 2, Iron Back, Iron Cross, IronFit, Total Body Conditioning, XCO X-Press, XCOFit

Other courses

Aerobic, Aqua Fitness, Barbell training, Belly intensive, Body Workout, BodyAttack, BodyPump, BOP, Bosu-Cardio, Bosu-Workout, Cycle, Dance Moves, Fit 40+, Fitmix, Flexibar, Hilltraining, Hip Hop, Kinesis Gym, Latin Moves, LMI, Muscle Power, Pilardio, Spine, Step workout, TBC, Zumba Fitness



Wenn Essen krank macht

Chronische Bauch- oder Kopfschmerzen, Durchfall, Blähungen, Neurodermitis, Akne, Müdigkeit ...

Die Ursachen können nicht immer eindeutig ermittelt werden. Eine IgGNahrungsmittelunverträglichkeit kann für diese Beschwerden ursächlich sein. Oft treten die
Symptome erst mehrere Stunden oder sogar Tage nach der Aufnahme eines bestimmten
Nahrungsmittels auf und eine direkte Zuordnung fällt schwer. Eine IgGNahrungsmittelunverträglichkeit kann aber auch mitverantwortlich für systemische Beschwerden
wie Bluthochdruck oder Übergewicht sein.

Der **MetaCheck Nuritest 90** misst, ob ein erhöhter Gesamt-IgG-Antikörper-Spiegel im Blut gegen 90 definierte Lebensmittel vorliegt.

Die Vermeidung der problematischen Nahrungsmittel kann Entzündungen vermindern und die damit verbundenen Beschwerden lindern.



Darm Gesundheit

Bei einem gestörten Verhältnis der Darmflora ist das Abnehmen mit deutlich mehr Aufwand verbunden. Der Grund: Bestimmte Bakterien im Darm, die sog. *Firmicutes*, haben die Eigenschaft, nicht verdaubare Ballaststoffe zu spalten und in Energie umzuwandeln. Diese liefern dem Körper somit zusätzliche Kalorien. Pro Jahr kann dies bis zu 10 Kilo mehr oder weniger auf der Waage bedeuten.

Die Darmbakterien in unseren Flora Kapseln in Kombination mit B-Vitaminen helfen Ihnen dabei, Ihren Darm ins Gleichgewicht zu bringen. Fühlen Sie sich wieder gesund, aktiv und voller Energie.

Unsere Flora Kapseln

- · helfen bei Reizdarm und Darmentzündungen
- · bauen die Darmflora bei Antibiotikatherapie wieder auf
- mildern Symptome von Unverträglichkeiten
- und unterstützen bei stressbedingten, psychischen Belastungen

Wir sind für Sie da! Bei Fragen oder Interesse melden Sie sich gerne direkt bei uns unter der 0221 - 630 607 010 oder per E-Mail an info@cogap.de



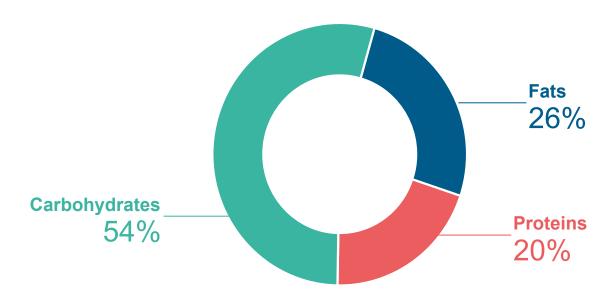




What's next?

Phase 2: The long-term weight loss and stabilization phase

This distribution is adapted to your individual strength of expression and is intended for the long-term weight loss phase or weight stabilization after the first 4 weeks. In order to ensure a balanced diet, you should adhere to the macronutrient distribution specified by us for the long term. With this distribution, you can continue to lose weight in a sustainable way and at a healthy pace after the first 4 weeks, or you can use it to maintain your target weight.



MetaCheck and Social Media

share your success in the social media and use the opportunity to exchange ideas with other MetaCheckers! Visit our social media channels and look forward to exciting information about nutrition, meta-type recipe ideas and interesting sport tips! Follow us:







CoGAP GmbH
Center of Genetic Analysis and Prognosis

Lungengasse 48–50 50676 Köln Deutschland

T: +49 221 630 607 010 F: +49 221 630 607 012

info@cogap.de www.cogap.de