

IgG FOOD ALLERGY

When you are suffering from a chronic complaint that just will not go away, the cause may be a delayed IgG food allergy (type III). IgG food allergies often remain undetected because the symptoms only occur a few hours or even days after the consumption of a trigger food, making them **extremely difficult to identify**.

Possible symptoms

GASTROINTESTINAL AILMENTS

- Bloating
 Constipation
- Crohn's Disease Diarrhoea
- Irritable Bowel Syndrome (IBS)
- Nausea

CHRONIC PAIN

Headache Migraine

EXCESS WEIGHT

Chronic weight problems Obesity

SKIN PROBLEMS

Atopic dermatitis-like skin problems Eczema Psoriasis

Fortunately, a reliable diagnostic test and nutritional concept can help: ImuPro. With ImuPro, you will find out whether or not a delayed food allergy could be the cause of your chronic complaints.

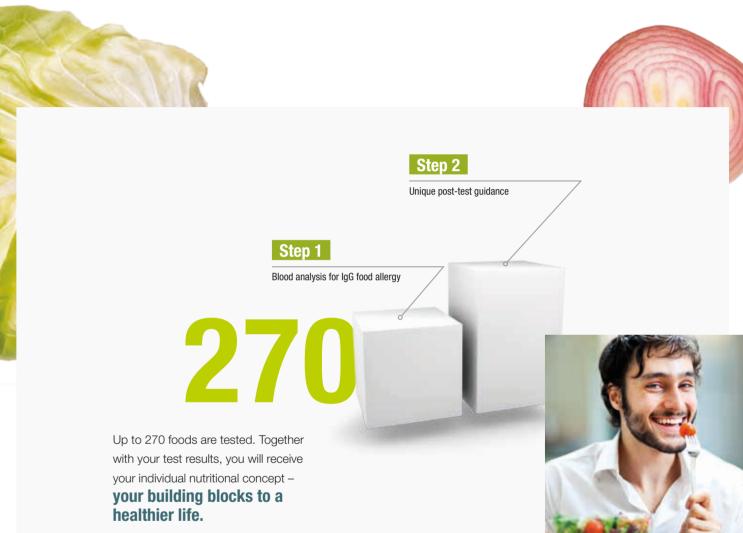
What is an IgG food allergy? With type III food allergies, the immune system reacts to usually harmless food allergens and produces specific antibodies, called IgG antibodies. These antibodies can then cause inflammatory reactions which can lead to various chronic complaints. The symptoms are delayed.

Note: An IgG food allergy should not be mistaken for a classic food allergy (type I). If you have a type I allergy, your immune system produces IgE antibodies. These antibodies lead to an immediate allergic reaction. The symptoms appear within seconds or minutes: severe swelling, breathing difficulty, rash, itching skin or even anaphylactic shock. ImuPro does not detect IgE food allergies.

The origin of a large number of chronic complaints has not been identified yet. It is assumed that IgG-mediated food allergies (type III) play a role in some chronic ailments and thus might offer an interesting and promising therapeutic approach. However, these interactions are not scientifically proven yet and are still being discussed among scientists. On the other hand, a growing number of publications and a large amount of anecdotal evidence support the idea that elimination diets based on foodstuff specific IgG antibody measurements result in improved symptoms in patients.







R-Biopharm AG

YOUR BUILDING BLOCKS FOR BETTER HEALTH

IgG Food Allergy: Diagnostics and Guidance

IMUPRO



Individual nutritional analysis and personalised guidance.

ImuPro is a concept that combines a sophisticated and reliable blood analysis for IgG food allergies with our unique post-test guidance.

> ImuPro is your trusted companion on your path to better health. Your test results and your personal nutritional guidelines will help you to find the foods that are good for you and to pinpoint your individual "trigger foods". By avoiding the foods that cause you problems, inflammatory processes can be reduced or even stopped and your body can recover.

THE IMUPRO CONCEPT – DIAGNOSTICS AND GUIDANCE



In an **extensive laboratory analysis** high levels of IgG antibodies specific to particular food proteins are identified **precisely** and **reliably**. Together with your test results, you will receive comprehensive nutritional guidelines explaining how to understand and proceed from your results.

The nutritional guidelines contain 3 important building blocks



2 Provocation phase

After the elimination phase, you start a **provocation diet** and gradually include the avoided foods one by one. The provocation phase helps to find your personal trigger **foods**. Only one new food at a time should be reintroduced in order to find out whether it might be responsible for your complaints.



1 Elimination phase

During the elimination phase, you may consume all the foods without raised levels of IgG antibodies in a **4-day** rotation cycle. This helps to prevent the development of new delayed food allergies and malnutrition. All foods with high levels of IgG-antibodies are avoided during this phase. By avoiding them, inflammatory processes can be reduced or even stopped.

3 Stabilisation phase

During the stabilisation phase, the trigger foods identified in the provocation phase are avoided for at least one year so that the IgG antibodies can degrade and YOUI body can recover. Then you may start another provocation phase You may find that there are one or two foods that you will have to avoid permanently.











ImuPro Screen provides an individual analysis of 22 foods. It is a simple way to find out quickly and at a reasonable price whether an IgG food allergy might exist. It is a purely diagnostic examination and does not include any dietary recommendations.

ImuPro Screen⁺ provides an individual analysis of 44 common **foods**, such as dairy products, cereals and chicken egg. You will receive a comprehensive report with accurate results at a glance. Dietary recommendations are not included.

ImuPro Basic tests the 90 most important foods, such as typical kinds of meat, vegetables, fruits, cereals, dairy products and chicken egg. As well as a comprehensive report with accurate results at a glance, you will receive your personal nutritional guidelines which include individual recommendations for your 4-day rotation.

fruits, cereals, milk and egg, their alternatives and region-specific foods are also tested. Furthermore, a huge number of spices, tea, coffee, wine and also thickening agents and preservatives are examined. Your diet can be changed very selectively based on the findings. This means that there will be a variety of alternatives for your 4-day rotation. You will receive a comprehensive report with accurate results at a glance and personal nutritional guidelines which lead you through your change in diet. Your results pack also includes individual recommendations for your 4-day rotation and a recipe book which is specifically tailored to your personal needs.



ImuPro Complete tests 270 foods and additives (incl. the 90 foods in ImuPro Basic). In addition to the typical kinds of meat, vegetables,

ImuPro Screen

Brief report containing accurate results for all the tested foods at a glance

ImuPro Screen⁺

Comprehensive report containing accurate results for all of your tested foods at a glance

ImuPro Basic

- Comprehensive report containing accurate results for all of your tested foods at a glance
- Personalised nutritional guide

ImuPro Complete

- Comprehensive report containing accurate results for all of your tested foods at a glance
- Personalised nutritional guide
- Individual recipe book specifically tailored to your personal needs



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ImuPro Complete

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Beef
Chicken
Deer
Duck
Goat meat
Goose
Hare
Lamb
Ostrich mea
Pork
Quail
Rabbit
Roe deer
Turkey hen
Veal
Wild boar

ALTERNATIVES TO CEREALS AND STARCHY PRODUCTS

Amaranun
Arrowroot
Buckwheat
Carob
Cassava
Fonio
Jerusalem a
Lupine
Maize, swee
Millet
Quinoa
Rice
Sweet chest
Sweet potat
Tapioca, cas
Teff

CEREALS (WITH GLUTEN)

Barley
Gluten
Kamut
Oats
Rye
Spelt
Wheat

VEGETABLES

Artichoke
Asparagus
Aubergine
Bamboo sho
Beetroot
Broccoli
Brussels spr
Carrots
Cauliflower
Celeriac, kno
Chard, beet
Chili Cayenn
Chili Habane
Chili Jalaper
Chinese cab
Uninese Cap

IMUPRO: THE TESTED FOODS AT A GLANCE



Pine nut
Peanut
Pistachio
Poppy seeds
Pumpkin seeds
Sesame
Sunflower seed
Walnut

TEA. COFFEE & WINE

1 (L	
	Camomile
	Coffee
	Nettle
	Peppermi
	Rooibus t
	Rose hip
	Tannin
	Tea, greei
	Tee bleet

Tea, bla

MILK PRODUCTS

Camel's milk
Goat milk and cheese
Halloumi
Kefir
Mare's milk
Milk cooked
Milk (cow)
Ricotta
Rennet cheese (cow)
Sheep milk and cheese
Sour-milk products (cow)

YEAST

Yeast (beer, bread)

PRESERVATIVES

Sorbic acid (E200)

THICKENING AGENTS

- Agar-agar (E406) Carrageen (E407) Guar flour (E412) Pectin (E440)
- Tragacanth (E413)
- Xanthan gum

ALGAE

Red algae (Nori)
 Spirulina

SPECIALS

- Aspergillus nig