

PATIENT ID



PATIENT NAME



Ima T Sample

DATE OF BIRTH



SAMPLE ID



Sample Report

BARCODE



ANALYSED ON



TESTED ANTIGENS



286

TEST METHOD



FOX

APPROVED ON

NOTE

The internal QC (Plausibility check for GD) was within acceptance range.

Lab report: Overview of the IgG profile



Highest measured IgG concentration

0 - 9.99 µg/ml



Low IgG level

10 - 19.99 µg/ml



Intermediate IgG level

> 20 µg/ml



Highly elevated IgG level

Milk & Egg

Buttermilk	≤ 5.00 µg/ml		Cow's milk Bos d 8 * (Casein)	7.76 µg/ml	
Camembert	7.09 µg/ml		Buffalo milk	7.56 µg/ml	
Emmental	≤ 5.00 µg/ml		Camel milk	≤ 5.00 µg/ml	
Gouda	6.18 µg/ml		Goat cheese	≤ 5.00 µg/ml	
Cottage cheese	8.31 µg/ml		Goat milk	7.99 µg/ml	
Cow's milk	6.39 µg/ml		Quail egg	≤ 5.00 µg/ml	
Mozzarella	6.76 µg/ml		Egg white	19.77 µg/ml	
Parmesan	≤ 5.00 µg/ml		Egg yolk	13.62 µg/ml	
Cow's milk Bos d 4 * (Alpha-Lactalbumin)	≤ 5.00 µg/ml		Sheep cheese	≤ 5.00 µg/ml	
Cow's milk Bos d 5 * (Beta-Lactoglobulin)	36.16 µg/ml		Sheep milk	18.54 µg/ml	

Meat

Duck	≤ 5.00 µg/ml		Chicken	≤ 5.00 µg/ml	
Beef	≤ 5.00 µg/ml		Turkey	≤ 5.00 µg/ml	
Veal	≤ 5.00 µg/ml		Rabbit	≤ 5.00 µg/ml	
Venison	≤ 5.00 µg/ml		Lamb	≤ 5.00 µg/ml	
Goat	≤ 5.00 µg/ml		Ostrich	≤ 5.00 µg/ml	
Stag	≤ 5.00 µg/ml		Pork	≤ 5.00 µg/ml	
Horse	≤ 5.00 µg/ml		Boar	≤ 5.00 µg/ml	

Fish & Seafood

Caviar	≤ 5.00 µg/ml		Trout	≤ 5.00 µg/ml	
Eel	≤ 5.00 µg/ml		Oyster	5.40 µg/ml	
Noble crayfish	≤ 5.00 µg/ml		Northern prawn	≤ 5.00 µg/ml	
Cockle	≤ 5.00 µg/ml		Scallop	≤ 5.00 µg/ml	
Crab	≤ 5.00 µg/ml		Razor shell	5.29 µg/ml	
Atlantic herring	≤ 5.00 µg/ml		European plaice	≤ 5.00 µg/ml	
Carp	≤ 5.00 µg/ml		Thornback Ray	≤ 5.00 µg/ml	
European anchovy	≤ 5.00 µg/ml		Venus clam	10.02 µg/ml	
Northern pike	≤ 5.00 µg/ml		Salmon	≤ 5.00 µg/ml	
Atlantic cod	≤ 5.00 µg/ml		European pilchard	≤ 5.00 µg/ml	

Abalone	6.75 µg/ml	●
Lobster	≤ 5.00 µg/ml	●
Shrimp mix	≤ 5.00 µg/ml	●
Squid	5.78 µg/ml	●
Monkfish	≤ 5.00 µg/ml	●
Haddock	≤ 5.00 µg/ml	●
Hake	≤ 5.00 µg/ml	●
Common mussel	16.64 µg/ml	●●
Octopus	≤ 5.00 µg/ml	●

Turbot	≤ 5.00 µg/ml	●
Mackerel	≤ 5.00 µg/ml	●
Atlantic redfish	≤ 5.00 µg/ml	●
Sepia	≤ 5.00 µg/ml	●
Sole	≤ 5.00 µg/ml	●
Gilt-head bream	≤ 5.00 µg/ml	●
Tuna	≤ 5.00 µg/ml	●
Swordfish	≤ 5.00 µg/ml	●

Cereals & Seeds

Amaranth	≤ 5.00 µg/ml	●
Oat	≤ 5.00 µg/ml	●
Rapeseed	38.79 µg/ml	●●●
Hempseed	≤ 5.00 µg/ml	●
Quinoa	≤ 5.00 µg/ml	●
Chickpea	≤ 5.00 µg/ml	●
Pumpkin seed	≤ 5.00 µg/ml	●
Buckwheat	≤ 5.00 µg/ml	●
Sunflower	≤ 5.00 µg/ml	●
Barley	≤ 5.00 µg/ml	●
Malt (barley)	≤ 5.00 µg/ml	●
Linseed	≤ 5.00 µg/ml	●
Lupine seed	≤ 5.00 µg/ml	●
Rice	≤ 5.00 µg/ml	●
Millet	≤ 5.00 µg/ml	●

Poppyseed	≤ 5.00 µg/ml	●
Pine nut	≤ 5.00 µg/ml	●
Rye	≤ 5.00 µg/ml	●
Sesame	≤ 5.00 µg/ml	●
Wheat	9.04 µg/ml	●
Wheat bran	≤ 5.00 µg/ml	●
Wheat gliadin Tri a Gliadin *	21.21 µg/ml	●●●
Wheatgrass	≤ 5.00 µg/ml	●
Gluten	10.96 µg/ml	●●
Emmer	≤ 5.00 µg/ml	●
Durum	≤ 5.00 µg/ml	●
Einkorn	5.88 µg/ml	●
Polish wheat	≤ 5.00 µg/ml	●
Spelt	≤ 5.00 µg/ml	●
Corn	≤ 5.00 µg/ml	●

Nuts

Cashew	≤ 5.00 µg/ml	●
Brazil nut	≤ 5.00 µg/ml	●
Pecan nut	≤ 5.00 µg/ml	●
Sweet chestnut	≤ 5.00 µg/ml	●
Coconut milk	≤ 5.00 µg/ml	●
Coconut	≤ 5.00 µg/ml	●
Kola nut	≤ 5.00 µg/ml	●

Hazelnut	≤ 5.00 µg/ml	●
Tigernut	≤ 5.00 µg/ml	●
Walnut	≤ 5.00 µg/ml	●
Macadamia	5.65 µg/ml	●
Pistachio	≤ 5.00 µg/ml	●
Almond	17.58 µg/ml	●●

* Molecular Antigen
The assays performance characteristics were determined by Diagnostic Solutions Laboratory.

Legumes

Peanut	≤ 5.00 µg/ml	●	Pea	≤ 5.00 µg/ml	●
Soy	≤ 5.00 µg/ml	●	Sugar pea	≤ 5.00 µg/ml	●
Lentil	≤ 5.00 µg/ml	●	Tamarind	≤ 5.00 µg/ml	●
White bean	11.63 µg/ml	●●	Mung bean	≤ 5.00 µg/ml	●
Green bean	5.27 µg/ml	●			

Fruits

Kiwi	13.34 µg/ml	●●	Date	≤ 5.00 µg/ml	●
Pineapple	6.32 µg/ml	●	Physalis	≤ 5.00 µg/ml	●
Papaya	≤ 5.00 µg/ml	●	Apricot	≤ 5.00 µg/ml	●
Lime	≤ 5.00 µg/ml	●	Cherry	15.30 µg/ml	●●
Lemon	≤ 5.00 µg/ml	●	Plum	≤ 5.00 µg/ml	●
Watermelon	≤ 5.00 µg/ml	●	Peach	≤ 5.00 µg/ml	●
Grapefruit	≤ 5.00 µg/ml	●	Nectarine	≤ 5.00 µg/ml	●
Tangerine	≤ 5.00 µg/ml	●	Pomegranate	≤ 5.00 µg/ml	●
Orange	≤ 5.00 µg/ml	●	Pear	≤ 5.00 µg/ml	●
Melon	≤ 5.00 µg/ml	●	Gooseberry	≤ 5.00 µg/ml	●
Fig	≤ 5.00 µg/ml	●	Red currant	≤ 5.00 µg/ml	●
Strawberry	9.17 µg/ml	●	Blackberry	≤ 5.00 µg/ml	●
Lychee	≤ 5.00 µg/ml	●	Raspberry	≤ 5.00 µg/ml	●
Apple	≤ 5.00 µg/ml	●	Elderberry	≤ 5.00 µg/ml	●
Mango	≤ 5.00 µg/ml	●	Blueberry	≤ 5.00 µg/ml	●
Mulberry	≤ 5.00 µg/ml	●	Cranberry	≤ 5.00 µg/ml	●
Banana	≤ 5.00 µg/ml	●	Grape	≤ 5.00 µg/ml	●
Passion fruit	≤ 5.00 µg/ml	●	Raisin	≤ 5.00 µg/ml	●

Vegetables

Shallot	≤ 5.00 µg/ml	●	Caper	≤ 5.00 µg/ml	●
Onion	≤ 5.00 µg/ml	●	Endive	≤ 5.00 µg/ml	●
Leek	≤ 5.00 µg/ml	●	Radicchio	≤ 5.00 µg/ml	●
Garlic	18.82 µg/ml	●●	Chicorée	≤ 5.00 µg/ml	●
Chives	≤ 5.00 µg/ml	●	Pumpkin Butternut	≤ 5.00 µg/ml	●
Wild garlic	≤ 5.00 µg/ml	●	Pumpkin Hokkaido	≤ 5.00 µg/ml	●

Celery Bulb	6.79 µg/ml		Kiwano	≤ 5.00 µg/ml	
Celery Stalk	≤ 5.00 µg/ml		Zucchini	≤ 5.00 µg/ml	
Horseradish	≤ 5.00 µg/ml		Cucumber	≤ 5.00 µg/ml	
White asparagus	≤ 5.00 µg/ml		Artichoke	≤ 5.00 µg/ml	
Bamboo sprouts	≤ 5.00 µg/ml		Carrot	≤ 5.00 µg/ml	
Chard	≤ 5.00 µg/ml		Arugula	≤ 5.00 µg/ml	
Red beet	≤ 5.00 µg/ml		Fennel (bulb)	≤ 5.00 µg/ml	
Cabbage	≤ 5.00 µg/ml		Sweet potato	≤ 5.00 µg/ml	
Cauliflower	≤ 5.00 µg/ml		Watercress	≤ 5.00 µg/ml	
White cabbage	≤ 5.00 µg/ml		Olive	≤ 5.00 µg/ml	
Brussels sprouts	≤ 5.00 µg/ml		Parsnip	≤ 5.00 µg/ml	
Kohlrabi	≤ 5.00 µg/ml		Avocado	≤ 5.00 µg/ml	
Broccoli	≤ 5.00 µg/ml		Radish	≤ 5.00 µg/ml	
Romanesco	≤ 5.00 µg/ml		Eggplant	≤ 5.00 µg/ml	
Red cabbage	≤ 5.00 µg/ml		Potato	≤ 5.00 µg/ml	
Green cabbage	5.45 µg/ml		Tomato	≤ 5.00 µg/ml	
Savoy	≤ 5.00 µg/ml		Spinach	≤ 5.00 µg/ml	
Turnip	≤ 5.00 µg/ml		Nettle leaves	≤ 5.00 µg/ml	
Pok-Choi	≤ 5.00 µg/ml		Lamb's lettuce	≤ 5.00 µg/ml	
Chinese cabbage	≤ 5.00 µg/ml				

Spices

Dill	≤ 5.00 µg/ml		Mint	≤ 5.00 µg/ml	
Tarragon	≤ 5.00 µg/ml		Basil	6.72 µg/ml	
Paprika	≤ 5.00 µg/ml		Majoram	≤ 5.00 µg/ml	
Cayenne pepper	≤ 5.00 µg/ml		Oregano	≤ 5.00 µg/ml	
Chili (red)	≤ 5.00 µg/ml		Parsley	≤ 5.00 µg/ml	
Caraway	≤ 5.00 µg/ml		Anise	≤ 5.00 µg/ml	
Cinnamon	≤ 5.00 µg/ml		Pepper (black/white/green/red/yellow)	≤ 5.00 µg/ml	
Curry	≤ 5.00 µg/ml		Rosmary	≤ 5.00 µg/ml	
Coriander	≤ 5.00 µg/ml		Sage	≤ 5.00 µg/ml	
Cumin	≤ 5.00 µg/ml		Mustard	30.59 µg/ml	
Turmeric	≤ 5.00 µg/ml		Clove	≤ 5.00 µg/ml	
Lemongrass	≤ 5.00 µg/ml		Thyme	≤ 5.00 µg/ml	

Cardamom	≤ 5.00 µg/ml	●
Juniper berry	≤ 5.00 µg/ml	●
Bay leaf	≤ 5.00 µg/ml	●
Nutmeg	≤ 5.00 µg/ml	●

Fenugreek	≤ 5.00 µg/ml	●
Vanilla	≤ 5.00 µg/ml	●
Ginger	≤ 5.00 µg/ml	●

Edible Mushrooms

White mushroom	≤ 5.00 µg/ml	●
Boletus	≤ 5.00 µg/ml	●
Chanterelle	6.39 µg/ml	●

Enoki	≤ 5.00 µg/ml	●
French horn mushroom	≤ 5.00 µg/ml	●
Oyster mushroom	≤ 5.00 µg/ml	●

Novel Foods

House cricket	5.67 µg/ml	●
Baobab	≤ 5.00 µg/ml	●
Aloe	≤ 5.00 µg/ml	●
Greater burdock root	≤ 5.00 µg/ml	●
Aronia	≤ 5.00 µg/ml	●
Safflower oil	≤ 5.00 µg/ml	●
Chlorella	7.75 µg/ml	●
Ginkgo	6.64 µg/ml	●
Maca root	≤ 5.00 µg/ml	●
Migratory locust	5.11 µg/ml	●
Tapioca	≤ 5.00 µg/ml	●

Ginseng	≤ 5.00 µg/ml	●
Guarana	≤ 5.00 µg/ml	●
Almond milk	≤ 5.00 µg/ml	●
Nori	≤ 5.00 µg/ml	●
Chia seed	5.54 µg/ml	●
Yacón root	≤ 5.00 µg/ml	●
Spirulina	≤ 5.00 µg/ml	●
Dandelion root	≤ 5.00 µg/ml	●
Mealworm	≤ 5.00 µg/ml	●
Wakame	≤ 5.00 µg/ml	●

Coffee & Tea

Tea, black	≤ 5.00 µg/ml	●
Tea, green	≤ 5.00 µg/ml	●
Coffee	≤ 5.00 µg/ml	●
Hibiscus	≤ 5.00 µg/ml	●
Jasmine	≤ 5.00 µg/ml	●

Chamomile	≤ 5.00 µg/ml	●
Peppermint	≤ 5.00 µg/ml	●
Moringa	≤ 5.00 µg/ml	●
Cocoa	≤ 5.00 µg/ml	●

Others

Agar Agar	≤ 5.00 µg/ml	●
Honey	≤ 5.00 µg/ml	●
Aspergillus niger	9.23 µg/ml	●

Cane sugar	8.04 µg/ml	●
Brewer's yeast	≤ 5.00 µg/ml	●
Elderflower	≤ 5.00 µg/ml	●



Hops ≤ 5.00 µg/ml ●

M-Transglutaminase, meat glue 5.45 µg/ml ●

Baker's yeast ≤ 5.00 µg/ml ●

CCD

Human Lactoferrin ≤ 5.00 µg/ml ●

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Number of tested food sources:

283



MILK & EGG

17

Buffalo milk, Buttermilk, Camel milk, Camembert, Cottage cheese, Cow's milk, Egg white, Egg yolk, Emmental, Goat cheese, Goat milk, Gouda, Mozzarella, Parmesan, Quail egg, Sheep cheese, Sheep milk



VEGETABLES

51

Artichoke, Arugula, Avocado, Bamboo sprouts, Broccoli, Brussels sprouts, Cabbage, Caper, Carrot, Cauliflower, Celery Bulb, Celery Stalk, Chard, Chicorée, Chinese cabbage, Chives, Cucumber, Eggplant, Endive, Fennel (bulb), Garlic, Green cabbage, Horseradish, Kiwano, Kohlrabi, Lamb's lettuce, Leek, Nettle leaves, Olive, Onion, Parsnip, Pok-Choi, Potato, Pumpkin Butternut, Pumpkin Hokkaido, Radicchio, Radish, Red beet, Red cabbage, Romanesco, Savoy, Shallot, Spinach, Sweet potato, Tomato, Turnip, Watercress, White Asparagus, White cabbage, Wild garlic, Zucchini



MEAT

14

Beef, Boar, Chicken, Duck, Goat, Horse, Lamb, Ostrich, Pork, Rabbit, Stag, Turkey, Veal, Venison



FISH & SEAFOOD

37

Abalone, Atlantic cod, Atlantic herring, Atlantic redfish, Carp, Caviar, Cockle, Common mussel, Crab, Eel, European anchovy, European pilchard, European plaice, Gilt-head bream, Haddock, Hake, Lobste, Mackerel, Monkfish, Noble crayfish, Northern pike, Northern prawn, Octopus, Oyster, Razor shell, Salmon, Scallop, Sepia, Shrimp mix, Sole, Squid, Swordfish, Thornback Ray, Trout, Tuna, Turbot, Venus clam



SPICES

31

Anise, Basil, Bay leaf, Caraway, Cardamom, Cayenne pepper, Chili (red), Cinnamon, Clove, Coriander, Cumin, Curry, Dill, Fenugreek, Ginger, Juniper berry, Lemongrass, Marjoram, Mint, Mustard, Nutmeg, Oregano, Paprika, Parsely, Pepper (black/white/green/red/yellow), Rosemary, Sage, Tarragon, Thyme, Turmeric, Vanilla



CEREALS & SEEDS

29

Amaranth, Barley, Buckwheat, Corn, Durum, Einkorn, Emmer, Hempseed, Linseed, Lupine seed, Malt (barley), Millet, Oat, Pine nut, Polish wheat, Poppyseed, Pumpkin seed, Quinoa, Rapeseed, Rice, Rye, Sesame, Spelt, Sunflower, Wheat, Gluten, Wheat bran, Wheatgrass



EDIBLE MUSHROOMS

6

Boletus, Chanterelle, Enoki, French horn mushroom, Oyster mushroom, White Mushroom



NUTS

13

Almond, Brazil nut, Cashew, Coconut, Coconut milk, Hazelnut, Kola nut, Macadamia, Pecan nut, Pistachio, Sweet chestnut, Tigernut, Walnut



NOVEL FOODS

21

Almond milk, Aloe, Aronia, Baobab, Chia seed, Chlorella, Dandelion root, Ginkgo, Ginseng, Greater burdock root, Guarana, House cricket, Maca root, Mealworm, Migratory locust, Nori, Safflower oil, Spirulina, Tapioca, Wakame, Yacón root



LEGUMES

10

Chickpea, Green bean, Lentil, Mung bean, Peanut, Pea, Soy, Sugar pea, Tamarind, White bean



COFFEE & TEA

9

Chamomile, Cocoa, Coffee, Hibiscus, Jasmine, Moringa, Peppermint, Tea black, Tea green



FRUITS

36

Apple, Apricot, Banana, Blackberry, Blueberry, Cherry, Cranberry, Date, Elderberry, Fig, Gooseberry, Grape, Grapefruit, Kiwi, Lemon, Lime, Lychee, Mango, Melon, Mulberry, Nectarine, Orange, Papaya, Passion fruit, Peach, Pear, Physalis, Pineapple, Plum, Pomegranate, Raisin, Raspberry, Red currant, Strawberry, Tangerine, Watermelon



OTHERS

9

Agar Agar, Aspergillus niger, Baker's yeast, Brewer's yeast, Cane sugar, Elderflower, Honey, Hops, M-Transglutaminase meat glue

Interpretation - Support

* Molecular Antigen

The assays performance characteristics were determined by Diagnostic Solutions Laboratory.

Interpretation Summary

Milk & Eggs

Cow's milk

Your IgG level for cow's milk is 36.16 µg/ml.

Associated food intolerance symptoms after consuming cow's milk include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes containing cow's milk include dairy products such as butter, cheese, cream, sour cream, custard, yogurt, ice cream, and pudding. Cow's milk protein is often included in gratins, breads, cookies, crackers, cakes, battered foods, cake mix, cereal, chocolate, coffee creamer, granola bars, margarine, mashed potatoes, and salad dressings. On food labels, milk protein may be referred to as artificial butter, cheese flavor, casein, diacetyl, curd, ghee, hydrolysates, lactalbumin, lactose, recaldent, rennet, tagatose, or whey.

Possible alternatives for cow's milk include goat's milk, camel's milk, sheep's milk, and buffalo's milk for animal derived sources. Plant-based alternatives include coconut milk, rice milk, soy milk, almond milk, and oat milk. Please note that the proteins in the milk of different animals are structurally similar to the proteins in cow's milk. Some patients may tolerate them, others might experience similar reactions to what they experience after consuming cow's milk.

Egg white

Your IgG level for egg white is 19.77 µg/ml.

Associated food intolerance symptoms after consuming egg white include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes containing egg whites include all kinds of egg dishes (omelettes, fried eggs, scrambled eggs, etc.), as well as breaded and battered foods, salad dressing, cream pies, cream puffs, crepes, waffles, custards, puddings, marshmallows, marzipan, mayonnaise, meatloaf, meatballs, meringue, frosting, pasta, sauces, soufflés, surimi, and in some cases, wine. On food labels, egg proteins may be referred to as albumin, globulin, lecithin, livetin, lysozyme, ovalbumin, ovaglobulin, ovomucin, ovovitellin, or vitellin.

Possible alternatives for egg whites include aquafaba (liquid found in canned chickpeas or beans) for meringues and marshmallows. If a whole egg is used to add moisture to baked goods, mashed banana is a possible alternative. To make baked goods heavier and denser, ground flaxseeds and chia seeds are good alternatives for eggs. If the egg is used as a leavining agent, 1/4 cup of carbonated water per egg works as a substitute. Silken tofu is used as a scrambled egg substitute.

Egg yolk

Your IgG level for egg yolk is 13.62 µg/ml.

Associated food intolerance symptoms after consuming egg yolk include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes containing egg yolks include all kinds of egg dishes (omelettes, fried eggs, scrambled eggs, etc.), as well as breaded and battered foods, salad dressing, cream pies, cream puffs, crepes, waffles, custards, puddings, marshmallows, marzipan, mayonnaise, meatloaf, meatballs, meringue, frosting, pasta, sauces, soufflés, and surimi. On food labels, egg proteins may be referred to as albumin, globulin, lecithin, livetin, lysozyme, ovalbumin, ovaglobulin, ovomucin, ovovitellin, or vitellin.

Possible alternatives for egg yolks include soy lecithin (a byproduct of soybean oil). If a whole egg is used to add moisture to baked goods, mashed banana is a possible alternative. To make baked goods heavier and denser, ground flaxseeds and chia seeds are good alternatives for eggs. If the egg is used as a leavining agent, 1/4 cup of carbonated water per egg works as a substitute. Silken tofu is used as a scrambled egg substitute.

Sheep's milk

Your IgG level for sheep's milk is 18.54 µg/ml.

Associated food intolerance symptoms after consuming sheep's milk include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing sheep's milk include dairy products such as cheeses (e.g., feta, ricotta, roquefort), yogurt, butter, and ice cream.

Possible alternatives for sheep milk include cow's milk, camel's milk, goat's milk, and buffalo's milk for animal derived sources. Plant-based alternatives include coconut milk, rice milk, soy milk, almond milk, and oat milk. Please note that the proteins in the milk of different animals

are structurally similar to the proteins in cow's milk. Some patients may tolerate them, others might experience similar reactions to what they experience after consuming cow's milk.

Fish & Seafood

Common mussel

Your IgG level for common mussel is 16.64 µg/ml.

Associated food intolerance symptoms after consuming common mussel include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing common mussels include seafood pies, paellas, soups, stews, pasta dishes, and salads.

Possible alternatives for common mussels include cockles and oysters, as well as king oyster mushrooms as a plant-based substitute.

Venus clam

Your IgG level for venus clam is 10.02 µg/ml.

Associated food intolerance symptoms after consuming venus clam include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing venus clams include stews, soups, sautéés, stir fries, salads, and savory pies.

Possible alternatives for venus clams include scallops, oyster, abalone, clams, mussels, and squid, as well as king oyster mushrooms as a plant-based substitute.

Cereals & Seeds

Gluten

Your IgG level for gluten is 10.96 µg/ml.

Associated food intolerance symptoms after consuming gluten include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing gluten include wheat, wheat varieties (spelt, durum, couscous, semolina, farina, farro, kamut, einkorn, bulgur, wheat bran, wheat starch, emmer, seitan, spelt, graham flour, rye, barley, bread, pitta, bagels, flatbreads, rolls, pasta, crackers, biscuits, pastry, breakfast cereals, breadcrumbs, croutons, beers, ales, and lagers. On food labels, gluten may be referred to as triticum vulgare (wheat), triticale (cross between wheat and rye), hordeum vulgare (barley), secale cereale (rye), and triticum spelta (spelt).

Possible alternatives to gluten products include buckwheat (groats and flour), quinoa (grain or flour), rice (grain or flour), potato flour, soy flour, chickpea flour, corn, amaranth, millet, gluten-free oats, sorghum, and tapioca. Gluten-free pasta alternatives are made from lentils, peas, corn, rice, or buckwheat. Vegetable noodles are made from zucchini, carrot, or squash.

Rapeseed

Your IgG level for rapeseed is 38.79 µg/ml.

Associated food intolerance symptoms after consuming rapeseed include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing rapeseeds include rapeseed oil.

Possible alternatives for rapeseed oil include canola oil, olive oil, avocado oil, and pumpkin seed oil.

Wheat gliadin

Your IgG level for wheat gliadin is 21.21 µg/ml.

Associated food intolerance symptoms after consuming wheat gliadin include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing gliadin include major sources of gluten such as bread, pasta, pizza, dressing, and sauces, as well as barley, rye, and oats.

Possible alternatives for wheat gliadin products include amaranth, millet, buckwheat, and quinoa.

Nuts

Almond

Your IgG level for almond is 17.58 µg/ml.

Associated food intolerance symptoms after consuming almonds include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing almonds, ground almonds, or almond flour include cakes, breads, biscuits, confectionary, ice cream, marzipan, and liqueurs such as Amaretto.

Possible alternatives for almonds include hazelnuts, Brazil nuts, cashews, and unsalted pistachios. Unsalted pumpkin and sunflower seeds, granola, or oatmeal can function as nut-free substitutes. Tahini (sesame seed butter) can be used as a substitute for almond butter.

Legumes

White bean

Your IgG level for white bean is 11.63 µg/ml.

Associated food intolerance symptoms after consuming white beans include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing white beans include stews, chilis, hummus, soups, and salads.

Possible alternatives for white beans include peas, lentils, and other beans (e.g., chickpea, black, pinto, lima, fava).

Fruits

Cherry

Your IgG level for cherry is 15.3 µg/ml.

Associated food intolerance symptoms after consuming cherry include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing cherries include pastries (e.g., pies, tarts, cakes, cobblers, etc.), ice cream, juice, compotes, and in trail mix (dried).

Possible alternatives for cherries in baking include plums, apricots, and nectarines.

Kiwi

Your IgG level for kiwi is 13.34 µg/ml.

Associated food intolerance symptoms after consuming kiwi include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing kiwis include salads, smoothies, ice cream, and pastries (e.g., tarts, pies, cakes, etc.).

Possible alternatives for kiwi include strawberries (with a little bit of lime juice), pineapples, and dragon fruit.

Vegetables

Garlic

Your IgG level for garlic is 18.82 µg/ml.

Associated food intolerance symptoms after consuming garlic include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes typically containing garlic include pasta dishes, soups, stews, sauces, butters and oils, dips, dressings, and chutneys.

Possible alternatives for garlic include chives, shallot, onion, and lemon zest.

Spices

Mustard

Your IgG level for mustard is 30.59 µg/ml.



Associated food intolerance symptoms after consuming mustard include nausea, stomach pain, gas, cramps, bloating, vomiting, heartburn, diarrhea, headaches, irritability, and nervousness.

Food products and dishes using mustard seeds as a flavoring agent include sauces, curries, and chutneys in Indian cooking. Mustard paste is used for salad dressings, as well as meat and fish dishes (as a glaze).

Possible alternatives for mustard seeds include caraway seeds and horseradish.

PATIENT ID



PATIENT NAME

Ima T Sample

DATE OF BIRTH



SAMPLE ID

Sample Report

BARCODE



TESTED ALLERGENS

295

TEST METHOD

ALEX²

APPROVED ON

REFERRING PHYSICIAN

ADDITIONAL INFORMATION

The internal QC (Plausibility check for GD) was within acceptance range.

Lab report: Summary on detectable sensitizations

POLLEN

Grass Pollen



Tree Pollen

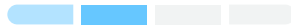


Weed Pollen



MITES

House Dust Mites & Storage Mites



PLANT-BASED FOOD

Legumes



Grains



Spices



Fruits



Vegetables



Nuts & Seeds



INSECTS & VENOMS

Ant, Bee, Wasp



Cockroach



MICROORGANISMS

Fungal Spores & Yeast



ANIMAL-DERIVED FOOD

Milk



Egg



Fish & Seafood



Meat



EPITHELIAL TISSUES OF ANIMALS

Pets



Farm Animals



OTHERS

Latex



Ficus



CCD



Parasite



Highest measured IgE concentration per allergen group

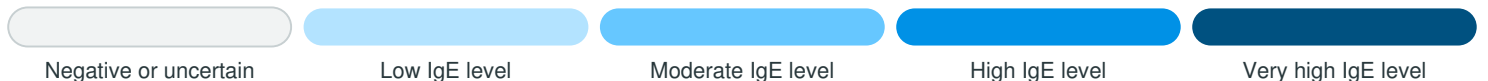
< 0.3 kU_A/L

0.3 - 1 kU_A/L

1 - 5 kU_A/L

5 - 15 kU_A/L

> 15 kU_A/L



Name	E/M	Allergen	Protein Family	kU _A /L
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POLLEN

Grass Pollen

Bermuda grass		Cyn d		3.13
		Cyn d 1	Beta-Expansin	7.41
Perennial Ryegrass		Lol p 1	Beta-Expansin	12.79
Bahia grass		Pas n		≤ 0.10
Timothy grass		Phl p 1	Beta-Expansin	19.44
		Phl p 2	Expansin	10.58
		Phl p 5.0101	Grass Group 5/6	37.82
		Phl p 6	Grass Group 5/6	4.39
		Phl p 7	Polcalcin	≤ 0.10
		Phl p 12	Profilin	≤ 0.10
Common reed		Phr c		≤ 0.10
Cultivated rye, Pollen		Sec c_pollen		0.68

Tree Pollen

Acacia		Aca m		≤ 0.10
Tree of Heaven		Ail a		≤ 0.10
Alder		Aln g 1	PR-10	≤ 0.10
		Aln g 4	Polcalcin	≤ 0.10
Silver birch		Bet v 1	PR-10	0.28
		Bet v 2	Profilin	≤ 0.10
		Bet v 6	Isoflavon Reductase	≤ 0.10
Paper mulberry		Bro pa		≤ 0.10
Hazel pollen		Cor a_pollen		≤ 0.10
		Cor a 1.0103	PR-10	≤ 0.10
Sugi		Cry j 1	Pectate Lyase	≤ 0.10
Cypress		Cup a 1	Pectate Lyase	≤ 0.10
		Cup s		≤ 0.10
Beech		Fag s 1	PR-10	≤ 0.10
Ash		Fra e		≤ 0.10
		Fra e 1	Ole e 1-Family	≤ 0.10
Walnut pollen		Jug r_pollen		≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
Mountain cedar		Jun a		≤ 0.10
Mulberry		Mor r		≤ 0.10
Olive		Ole e 1	Ole e 1-Family	≤ 0.10
		Ole e 9	1,3 β Glucanase	≤ 0.10
Date palm		Pho d 2	Profilin	≤ 0.10
London plane tree		Pla a 1	Plant Invertase	≤ 0.10
		Pla a 2	Polygalacturonase	≤ 0.10
		Pla a 3	nsLTP	≤ 0.10
Cottonwood		Pop n		≤ 0.10
Ulme		Ulm c		≤ 0.10

Weed Pollen

Common Pigweed		Ama r		≤ 0.10
Ragweed		Amb a		≤ 0.10
		Amb a 1	Pectate Lyase	0.23
		Amb a 4	Plant Defensin	≤ 0.10
Mugwort		Art v		≤ 0.10
		Art v 1	Plant Defensin	≤ 0.10
		Art v 3	nsLTP	≤ 0.10
Hemp		Can s		≤ 0.10
		Can s 3	nsLTP	≤ 0.10
Lamb's quarter		Che a		≤ 0.10
		Che a 1	Ole e 1-Family	≤ 0.10
Annual mercury		Mer a 1	Profilin	≤ 0.10
Wall pellitory		Par j		≤ 0.10
		Par j 2	nsLTP	≤ 0.10
Ribwort		Pla l		≤ 0.10
		Pla l 1	Ole e 1-Family	≤ 0.10
Russian thistle		Sal k		≤ 0.10
		Sal k 1	Pectin Methylesterase	≤ 0.10
Nettle		Urt d		≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
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MITES

House Dust Mite

American house dust mite		Der f 1	Cysteine protease	0.58
		Der f 2	NPC2 Family	1.24
European house dust mite		Der p 1	Cysteine protease	1.11
		Der p 2	NPC2 Family	1.08
		Der p 5	unknown	≤ 0.10
		Der p 7	Mites, Group 7	≤ 0.10
		Der p 10	Tropomyosin	≤ 0.10
		Der p 11	Myosin, heavy chain	≤ 0.10
		Der p 20	Arginine kinase	≤ 0.10
		Der p 21	unknown	≤ 0.10
		Der p 23	Peritrophin-like protein domain	0.65

Storage Mite

Acarus siro		Aca s		≤ 0.10
Blomia tropicalis		Blo t 5	Mites, Group 5	≤ 0.10
		Blo t 10	Tropomyosin	≤ 0.10
		Blo t 21	unknown	≤ 0.10
Glycyphagus domesticus		Gly d 2	NPC2 Family	≤ 0.10
Lepidoglyphus destructor		Lep d 2	NPC2 Family	≤ 0.10
Tyrophagus putrescentiae		Tyr p		≤ 0.10
		Tyr p 2	NPC2 Family	≤ 0.10

MICROORGANISMS & SPORES

Yeast

Malassezia sympodialis		Mala s 5	unknown	≤ 0.10
		Mala s 6	Cyclophilin	≤ 0.10
		Mala s 11	Mn Superoxid-Dismutase	≤ 0.10
Yeast		Sac c		≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
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Moulds

Alternaria alternata		Alt a 1	Alt a 1-Family	≤ 0.10
		Alt a 6	Enolase	≤ 0.10
Aspergillus fumigatus		Asp f 1	Mitogillin Family	≤ 0.10
		Asp f 3	Peroxisomal Protein	≤ 0.10
		Asp f 4	unknown	≤ 0.10
		Asp f 6	Mn Superoxid-Dismutase	≤ 0.10
Cladosporium herbarum		Cla h		≤ 0.10
		Cla h 8	Short Chain Dehydrogenase	≤ 0.10
Penicillium chrysogenum		Pen ch		≤ 0.10

PLANT FOOD

Legumes

Peanut		Ara h 1	7/8S Globulin	≤ 0.10
		Ara h 2	2S Albumin	≤ 0.10
		Ara h 3	11S Globulin	≤ 0.10
		Ara h 6	2S Albumin	≤ 0.10
		Ara h 8	PR-10	≤ 0.10
		Ara h 9	nsLTP	≤ 0.10
		Ara h 15	Oleosin	0.17
Chickpea		Cic a		≤ 0.10
Soy		Gly m 4	PR-10	≤ 0.10
		Gly m 5	7/8S Globulin	≤ 0.10
		Gly m 6	11S Globulin	≤ 0.10
		Gly m 8	2S Albumin	≤ 0.10
Lentil		Len c		≤ 0.10
White bean		Pha v		≤ 0.10
Pea		Pis s		≤ 0.10

Cereals

Oat		Ave s		≤ 0.10
Quinoa		Che q		≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
Common buckwheat		Fag e		≤ 0.10
		Fag e 2	2S Albumin	≤ 0.10
Barley		Hor v		≤ 0.10
Lupine seed		Lup a		≤ 0.10
Rice		Ory s		≤ 0.10
Millet		Pan m		≤ 0.10
Cultivated rye		Sec c_flour		≤ 0.10
Wheat		Tri a aA_T1	Alpha-Amylase Trypsin-Inhibitor	≤ 0.10
		Tri a 14	nsLTP	≤ 0.10
		Tri a 19	Omega-5-Gliadin	≤ 0.10
Spelt		Tri s		≤ 0.10
Maize		Zea m		≤ 0.10
		Zea m 14	nsLTP	≤ 0.10

Spices

Paprika		Cap a		≤ 0.10
Caraway		Car c		≤ 0.10
Oregano		Ori v		≤ 0.10
Parsley		Pet c		≤ 0.10
Anise		Pim a		≤ 0.10
Mustard		Sin		≤ 0.10
		Sin a 1	2S Albumin	≤ 0.10

Fruit

Kiwi		Act d 1	Cysteine protease	≤ 0.10
		Act d 2	TLP	≤ 0.10
		Act d 5	Kiwellin	≤ 0.10
		Act d 10	nsLTP	≤ 0.10
Papaya		Car p		≤ 0.10
Orange		Cit s		≤ 0.10
Melon		Cuc m 2	Profilin	≤ 0.10
Fig		Fic c		≤ 0.10
Strawberry		Fra a 1+3	PR-10+LTP	≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
Apple	<input type="radio"/>	Mal d 1	PR-10	≤ 0.10
	<input type="radio"/>	Mal d 2	TLP	≤ 0.10
	<input type="radio"/>	Mal d 3	nsLTP	≤ 0.10
Mango	<input checked="" type="radio"/>	Man i		≤ 0.10
Banana	<input checked="" type="radio"/>	Mus a		≤ 0.10
Avocado	<input checked="" type="radio"/>	Pers a		≤ 0.10
Cherry	<input checked="" type="radio"/>	Pru av		≤ 0.10
Peach	<input type="radio"/>	Pru p 3	nsLTP	≤ 0.10
Pear	<input checked="" type="radio"/>	Pyr c		≤ 0.10
Blueberry	<input checked="" type="radio"/>	Vac m		≤ 0.10
Grapes	<input type="radio"/>	Vit v 1	nsLTP	≤ 0.10

Vegetables

Onion	<input checked="" type="radio"/>	All c		≤ 0.10
Garlic	<input checked="" type="radio"/>	All s		≤ 0.10
Celery	<input type="radio"/>	Api g 1	PR-10	≤ 0.10
	<input type="radio"/>	Api g 2	nsLTP	≤ 0.10
	<input type="radio"/>	Api g 6	nsLTP	≤ 0.10
Carrot	<input checked="" type="radio"/>	Dau c		≤ 0.10
	<input type="radio"/>	Dau c 1	PR-10	≤ 0.10
Potato	<input checked="" type="radio"/>	Sol t		≤ 0.10
Tomato	<input checked="" type="radio"/>	Sola l		≤ 0.10
	<input type="radio"/>	Sola l 6	nsLTP	≤ 0.10

Nuts

Cashew	<input checked="" type="radio"/>	Ana o		≤ 0.10
	<input type="radio"/>	Ana o 2	11S Globulin	≤ 0.10
	<input type="radio"/>	Ana o 3	2S Albumin	≤ 0.10
Brazil nut	<input checked="" type="radio"/>	Ber e		≤ 0.10
	<input type="radio"/>	Ber e 1	2S Albumin	≤ 0.10
Pecan	<input checked="" type="radio"/>	Car i		≤ 0.10
Hazelnut	<input type="radio"/>	Cor a 1.0401	PR-10	≤ 0.10
	<input type="radio"/>	Cor a 8	nsLTP	≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
Walnut		Cor a 9	11S Globulin	≤ 0.10
		Cor a 11	7/8S Globulin	≤ 0.10
		Cor a 14	2S Albumin	≤ 0.10
		Jug r 1	2S Albumin	≤ 0.10
		Jug r 2	7/8S Globulin	≤ 0.10
		Jug r 3	nsLTP	≤ 0.10
		Jug r 4	11S Globulin	≤ 0.10
Macadamia		Mac i 2S Albumin	2S Albumin	≤ 0.10
		Mac inte		≤ 0.10
Pistachio		Pis v 1	2S Albumin	≤ 0.10
		Pis v 2	11S Globulin subunit	≤ 0.10
		Pis v 3	7/8S Globulin	≤ 0.10
Almond		Pru du		≤ 0.10

Seed

Pumpkin seed		Cuc p		≤ 0.10
Sunflower seed		Hel a		≤ 0.10
Poppy seed		Pap s		≤ 0.10
		Pap s 2S Albumin	2S Albumin	≤ 0.10
Sesame		Ses i		≤ 0.10
		Ses i 1	2S Albumin	≤ 0.10
Fenugreek seeds		Tri fo		≤ 0.10

ANIMAL FOOD

Milk

Cow, milk		Bos d_milk		≤ 0.10
		Bos d 4	α-Lactalbumin	≤ 0.10
		Bos d 5	β-Lactoglobulin	≤ 0.10
		Bos d 8	Casein	≤ 0.10
Camel		Cam d		≤ 0.10
Goat, milk		Cap h_milk		≤ 0.10
Mare's milk		Equ c_milk		≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
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Sheep, milk		Ovi a_milk		≤ 0.10
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Egg

Egg white		Gal d_white		≤ 0.10
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Egg yolk		Gal d_yolk		≤ 0.10
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Egg white		Gal d 1	Ovomucoid	≤ 0.10
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	Gal d 2	Ovalbumin	≤ 0.10
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	Gal d 3	Ovotransferrin	≤ 0.10
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	Gal d 4	Lysozym C	≤ 0.10
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Egg yolk		Gal d 5	Serum Albumin	≤ 0.10
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Seafood

Herring worm		Ani s 1	Kunitz Serin Protease Inhibitor	≤ 0.10
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	Ani s 3	Tropomyosin	≤ 0.10
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Crab		Chi spp.		≤ 0.10
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Herring		Clu h		≤ 0.10
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	Clu h 1	β-Parvalbumin	≤ 0.10
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Brown shrimp		Cra c 6	Troponin C	≤ 0.10
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Carp		Cyp c 1	β-Parvalbumin	≤ 0.10
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Atlantic cod		Gad m		≤ 0.10
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	Gad m 2+3	β-Enolase & Aldolase	≤ 0.10
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	Gad m 1	β-Parvalbumin	≤ 0.10
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Lobster		Hom g		≤ 0.10
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Shrimp		Lit s		≤ 0.10
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Squid		Lol spp.		≤ 0.10
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Common mussel		Myt e		≤ 0.10
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Oyster		Ost e		≤ 0.10
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Shrimp		Pan b		≤ 0.10
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Scallop		Pec spp.		≤ 0.10
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Black Tiger Shrimp		Pen m 1	Tropomyosin	≤ 0.10
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	Pen m 2	Arginine kinase	≤ 0.10
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	Pen m 3	Myosin, light chain	≤ 0.10
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	Pen m 4	Sarcoplasmic Calcium Binding Protein	≤ 0.10
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Name	E/M	Allergen	Protein Family	kU _A /L
Thornback ray		Raj c		≤ 0.10
		Raj c Parvalbumin	α-Parvalbumin	≤ 0.10
Clam		Rud spp.		≤ 0.10
Salmon		Sal s		≤ 0.10
		Sal s 1	β-Parvalbumin	≤ 0.10
Atlantic mackerel		Sco s		≤ 0.10
		Sco s 1	β-Parvalbumin	≤ 0.10
Tuna		Thu a		≤ 0.10
		Thu a 1	β-Parvalbumin	≤ 0.10
Swordfish		Xip g 1	β-Parvalbumin	≤ 0.10

Meat

House cricket		Ach d		≤ 0.10
Cattle, meat		Bos d_meat		≤ 0.10
		Bos d 6	Serum Albumin	≤ 0.10
Horse, meat		Equ c_meat		≤ 0.10
Chicken meat		Gal d_meat		≤ 0.10
Migratory locust		Loc m		≤ 0.10
Turkey		Mel g		≤ 0.10
Rabbit, meat		Ory_meat		≤ 0.10
Sheep, meat		Ovi a_meat		≤ 0.10
Pork		Sus d_meat		≤ 0.10
		Sus d 1	Serum Albumin	≤ 0.10
Mealworm		Ten m		0.26

INSECTS & VENOMS

Fire ant poison

Fire ant		Sol spp.		≤ 0.10
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Honey Bee Venom

Honey bee		Api m		≤ 0.10
		Api m 1	Phospholipase A2	≤ 0.10
		Api m 10	Icarapin Variant 2	≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
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Wasp Venom

Hornet		Dol spp		≤ 0.10
Paper wasp venom		Pol d		≤ 0.10
		Pol d 5	Antigen 5	≤ 0.10
Wasp venom		Ves v		≤ 0.10
		Ves v 1	Phospholipase A1	≤ 0.10
		Ves v 5	Antigen 5	0.81

Cockroach

German Cockroach		Bla g 1	Cockroach Group 1	≤ 0.10
		Bla g 2	Aspartyl protease	≤ 0.10
		Bla g 4	Lipocalin	≤ 0.10
		Bla g 5	Glutathione S-transferase	≤ 0.10
		Bla g 9	Arginine kinase	≤ 0.10
American Cockroach		Per a		≤ 0.10
		Per a 7	Tropomyosin	≤ 0.10

ANIMAL ORIGIN

Pet

Dog		Can f_Fd1	Uteroglobin	≤ 0.10
Male dog urine (incl. Can f 5)		Can f_male urine		≤ 0.10
Dog		Can f 1	Lipocalin	≤ 0.10
		Can f 2	Lipocalin	≤ 0.10
		Can f 3	Serum Albumin	≤ 0.10
		Can f 4	Lipocalin	≤ 0.10
		Can f 6	Lipocalin	≤ 0.10
Guinea pig		Cav p 1	Lipocalin	≤ 0.10
Cat		Fel d 1	Uteroglobin	0.65
		Fel d 2	Serum Albumin	≤ 0.10
		Fel d 4	Lipocalin	≤ 0.10
		Fel d 7	Lipocalin	≤ 0.10
House mouse		Mus m 1	Lipocalin	≤ 0.10

Name	E/M	Allergen	Protein Family	kU _A /L
Rabbit, epithel	<input type="radio"/>	Ory c 1	Lipocalin	≤ 0.10
	<input type="radio"/>	Ory c 2	Lipophilin	≤ 0.10
	<input type="radio"/>	Ory c 3	Uteroglobin	≤ 0.10
Djungarian hamster	<input type="radio"/>	Phod s 1	Lipocalin	≤ 0.10
Rat	<input type="checkbox"/>	Rat n		≤ 0.10

Farm Animals

Cattle	<input type="radio"/>	Bos d 2	Lipocalin	≤ 0.10
Goat, epithel	<input type="checkbox"/>	Cap h_epithelia		≤ 0.10
Horse, epithel	<input type="radio"/>	Equ c 1	Lipocalin	≤ 0.10
	<input type="radio"/>	Equ c 3	Serum Albumin	≤ 0.10
	<input type="radio"/>	Equ c 4	Latherin	≤ 0.10
Sheep, epithel	<input type="checkbox"/>	Ovi a_epithelia		≤ 0.10
Pig	<input type="checkbox"/>	Sus d_epithelia		≤ 0.10

OTHERS

Latex

Latex	<input type="radio"/>	Hev b 1	Rubber elongation factor	≤ 0.10
	<input type="radio"/>	Hev b 3	Small rubber particle protein	≤ 0.10
	<input type="radio"/>	Hev b 5	unknown	≤ 0.10
	<input type="radio"/>	Hev b 6.02	Pro-Hevein	≤ 0.10
	<input type="radio"/>	Hev b 8	Profilin	≤ 0.10
	<input type="radio"/>	Hev b 11	Class 1 Chitinase	≤ 0.10

Ficus

Weeping fig	<input type="checkbox"/>	Fic b		≤ 0.10
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Ccd

Hom s Lactoferrin	<input type="radio"/>	Hom s LF	CCD	≤ 0.10
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Parasite

Pigeon tick	<input type="radio"/>	Arg r 1	Lipocalin	≤ 0.10
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Total IgE: 56 kU/L

Normal Total-IgE

Adults: < 20 kU/L Allergy unlikely, 20 - 100 kU/L Allergy possible, > 100 kU/L Allergy likely

Number of tested allergen sources:

165

	GRASS POLLEN 6 Bahia grass, Bermuda grass, Common reed, Perennial ryegrass, Rye, Timothy grass		COCKROACH 2 American cockroach, German cockroach
	TREE POLLEN 19 Acacia, Alder, Arizona Cypress, European Ash, Beech, Cottonwood, Date palm, Elm, Hazel, London Plane Tree, Mediterranean Cypress, Mountain cedar, Mulberry, Olive, Paper mulberry, Silver birch, Sugi, Tree of Heaven, Walnut		INSECT VENOMS 5 Common wasp venom, Fire ant venom, Honeybee venom, Long-headed wasp venom, Paper wasp venom
	WEED POLLEN 10 Annual mercury, Hemp, Lamb's quarter, Mugwort, Nettle, Pigweed, Ragweed, Ribwort, Russian thistle, Wall pellitory		FUNGAL SPORES & YEAST 6 Alternaria alternata, Aspergillus fumigatus, Baker's yeast, Cladosporium herbarum, Malassezia sympodialis, Penicillium chrysogenum
	HOUSE DUST MITES & STORAGE MITES 7 Acarus siro, American house dust mite, Blomia tropicalis, European house dust mite, Glycyphagus domesticus, Lepidoglyphus destructor, Tyrophagus putrescentiae		MILK 5 Camel's milk, Cow's milk, Goat's milk, Mare's milk, Sheep's milk
	LEGUMES 6 Chickpea, White bean, Lentil, Pea, Peanut, Soy		EGG 2 Egg white, Egg yolk
	GRAINS 11 Barley, Buckwheat, Corn, Cultivated rye, Lupine, Millet, Oat, Quinoa, Rice, Spelt, Wheat		FISH & SEAFOOD 20 Anisakis simplex, Atlantic cod, Atlantic herring, Atlantic mackerel, Black-Tiger shrimp, Brown shrimp, Carp, Common mussel, Crab, Lobster, Northern prawn, Oyster, Salmon, Scallop, Shrimp mix, Squid, Swordfish, Thornback ray, Tuna, Venus clam
	SPICES 6 Anise, Caraway, Mustard, Oregano, Paprika, Parsley		MEAT 10 Beef, Chicken, Horse, House cricket, Lamb, Mealworm, Migratory locust, Pig, Rabbit, Turkey
	FRUITS 15 Avocado, Apple, Banana, Blueberry, Cherry, Fig, Grape, Kiwi, Mango, Muskmelon, Orange, Papaya, Peach, Pear, Strawberry		PETS 7 Cat, Djungarian hamster, Dog, Guinea pig, Mouse, Rabbit, Rat
	VEGETABLES 6 Carrot, Celery, Garlic, Onion, Potato, Tomato		FARM ANIMALS 5 Cattle, Goat, Horse, Pig, Sheep
	NUTS & SEEDS 13 Almond, Brazil nut, Cashew, Hazelnut, Macadamia, Pecan, Pistachio, Walnut, Fenugreek seeds, Poppy seed, Pumpkin seed, Sesame, Sunflower seed		OTHERS 4 Latex, Hom s lactoferrin, Pigeon tick, Weeping fig



INTERPRETATION GUIDANCE SOFTWARE

Interpretation - Support

Raven Interpretation Summary

Sample Information

The sample was tested on ALL Barcode , interpretation date .

Of the tested 295 allergens, 15 were/was above the cut off of 0.3 kU_A/L. A sensitization can be an indicator of an IgE dependent allergy. For all positive ALL Allergy Test allergens, comments for interpretation guidance are listed below.

Total IgE: 56 kU/L

The measured total IgE was 56 kU/L. With a total IgE titre of below 100 kU/L, allergy is possible but unlikely.

Cross-Reactive allergen sensitization detected

Sensitizations against molecular allergens which are markers of (broad) cross-reactivity between different allergen sources were detected.

Detected cross-reactive allergen sensitizations:

- Cysteine Proteases: Der f 1, Der p 1

Cysteine Proteases

Members of the Cysteine Protease (CP) allergen family can cause inhalative symptoms, as well as mild to severe forms of food allergy. CP allergens can be found in several fruits (e.g., kiwi, papaya, fig, pineapple), mites and in ragweed pollen. Associated allergic symptoms include hay fever (allergic rhinoconjunctivitis) and/or allergic asthma. CP food allergens can cause severe reactions and are resistant to heat and digestion.

Grass pollen

You have a sensitization to grass pollen.

Associated allergic reactions range from hay fever (allergic rhinoconjunctivitis) to allergic asthma.

Cyn d 1, Lol p 1 and Phl p 1 are members of the β -Expansin allergen family. The potential for cross-reactions between members of this allergen family is very high. Allergen-specific immunotherapy (AIT) for β -Expansins is possible, if corresponding clinical symptoms are present. Positive results were obtained for: Cyn d 1, Lol p 1, Phl p 1.

Phl p 2 is a member of the Expansin allergen family.

The potential for cross-reactions between allergens of this family is very high.

Along with Phl p 1 and 5, Phl p 2 serves as a marker of true grass-pollen sensitization. Patients with isolated sensitization to Phl p 2 are not suitable candidates for allergen-specific immunotherapy (AIT).

Phl p 5 is a member of the Grass Group 5/6 allergen family.

The potential for cross-reactions between allergens of this family is high, although not in all grass pollen species.

Along with Phl p 1 and Phl p 2, Phl p 5 serves as marker of true grass-pollen sensitization.

Allergen-specific immunotherapy (AIT) is possible for sensitization to Phl p 1 and 5, if corresponding clinical symptoms occur.

Phl p 6 is a member of the Grass Group 5/6 allergen family.

The potential for cross-reactions between allergens of this family is high.

Treatment for symptoms includes anti-histamines as well as corticosteroid tablets and sprays. Causal treatment is possible for sensitizations to Phl p 1 and 5 via allergy-specific immunotherapy (AIT) is possible, if corresponding clinical symptoms occur.

Furry Animals

Cat

You have a sensitization to cat.

Associated allergic symptoms range from hay fever (allergic rhinoconjunctivitis) to allergic asthma.

Fel d 1 is a member of the Uteroglobulin (UG) allergen family and a marker for genuine cat allergy.

The potential for cross-reactions between Fel d 1 and other allergens of the UG family is low to moderate.

Allergen-specific immunotherapy (AIT) is possible, if corresponding clinical symptoms occur.

Avoidance of cats is strongly recommended. If cats cannot be avoided, allergen-specific immunotherapy can be prescribed. Treatment for symptoms includes anti-histamines as well as corticosteroid tablets and sprays.

Mites and Cockroaches

House dust mites

You have a sensitization to house dust mites.

Associated allergic symptoms range from hay fever (allergic rhinoconjunctivitis) to asthma.

Der p 1 & Der f 1 are members of the Cystein Protease allergen family (CP). The potential for cross-reactions between different members of the CP family in different house dust mites is high. Allergen-specific immunotherapy is possible for sensitizations to major allergens Der p 1 and Der f 1, if corresponding clinical symptoms occur. Positive results were obtained for: Der f 1, Der p 1.

Der p 2 & Der f 2 are members of the NPC2 allergen family. The potential for cross-reactions between different members of the NPC2 is very high in different house dust mites, and less so to related allergens in storage mites. Allergen-specific immunotherapy is possible for sensitizations to major allergens Der p 2 and Der f 2, if corresponding clinical symptoms occur. Positive results were obtained for: Der f 2, Der p 2.

Der p 23 is a member of the Peritrophin-like Protein allergen family (PLP), which is associated with the development of asthma.

The potential for cross-reactions to other allergens of the PLP family is not clear.

Avoidance of house dust mites is advised. Dust mite proof encasings for blankets, mattresses, and pillows can reduce the allergen load. Treatment for symptoms includes anti-histamines as well as corticosteroid tablets and sprays. Allergen-specific immunotherapy is possible for sensitizations to major allergens Der f 1/Der p 1 and Der f 2/Der p 2, if corresponding clinical symptoms occur.

Insect Venoms

Wasp

You have a sensitization to wasp venom.

Associated allergic symptoms range from local to severe anaphylactic reactions.

Ves v 5 is a member of the Antigen 5 allergen family.

The potential for cross-reactions between Ves v 5 and other allergens of the Antigen 5 family is high to other vespula (common wasp) species and lower to dolichovespula (yellow jackets) and vespa (hornets) species.

Allergen-specific immunotherapy for Ves v 5 sensitization is possible, if corresponding clinical symptoms occur.

As avoidance of wasps is difficult, allergen-specific immunotherapy (AIT) is the major therapy option in wasp venom allergy. Additionally, emergency kits including adrenaline autoinjectors (EpiPen) are prescribed. Please consult your allergy specialist for further information and therapy options.



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