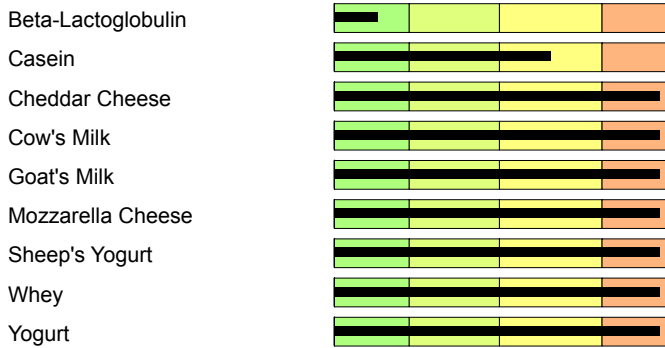


**Requisition #:** 9900001  
**Patient Name:** Report Sample  
**Date of Birth:** Mar 9, 1960  
**Gender:** F

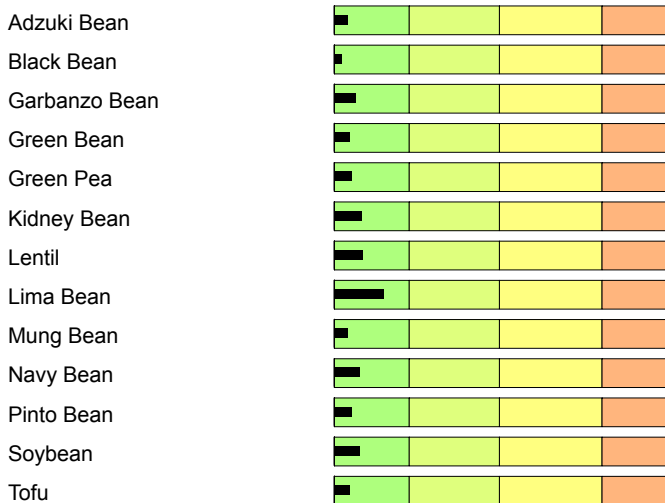
**Practitioner:** NO PHYSICIAN  
**Date of Collection:** Dec 1, 2022  
**Time of Collection:** Not Given  
**Report Date:** Nov 9, 2023

## IgG Food MAP (190) - DBS

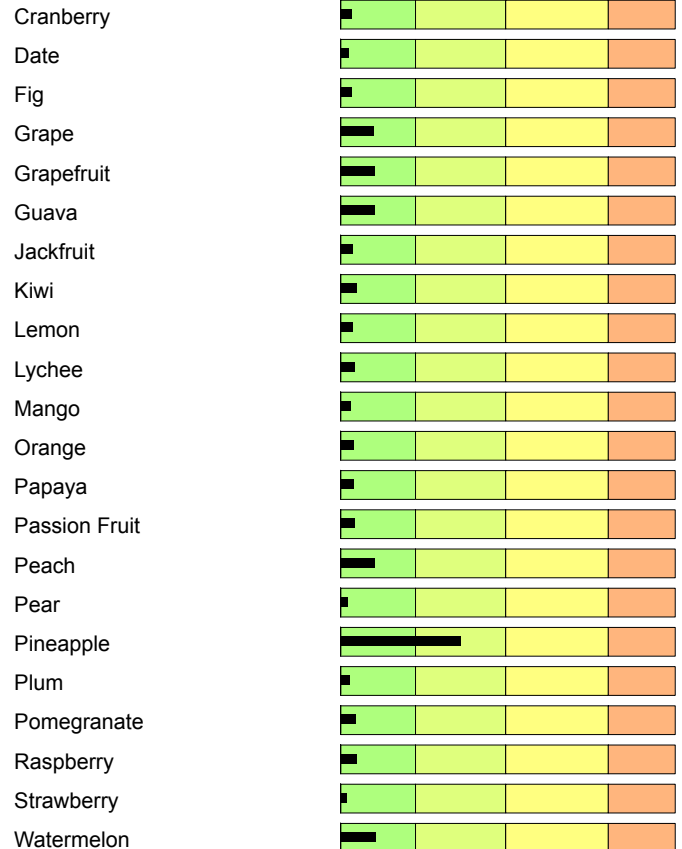
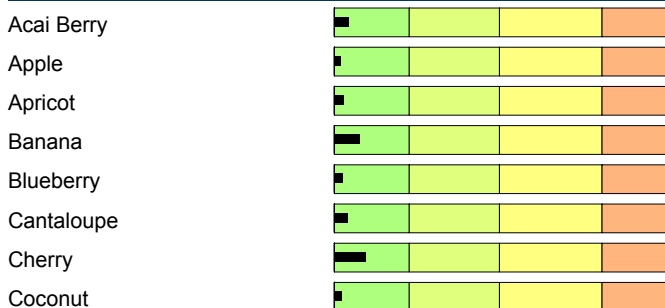
### Dairy



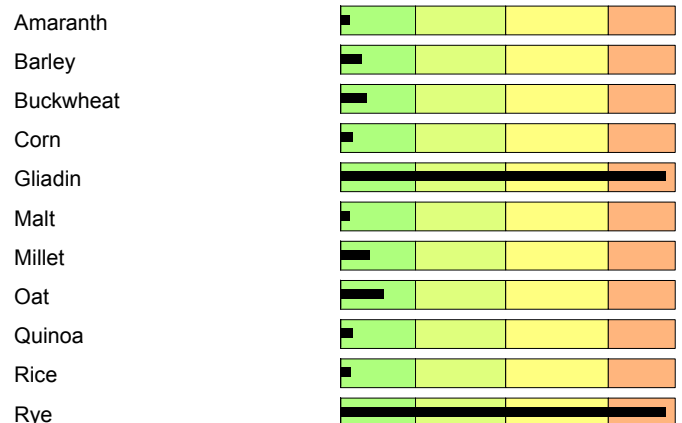
### Beans and Peas



### Fruits



### Grains



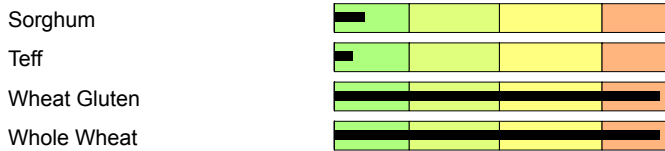
This test was developed, and its performance characteristics determined by Mosaic Diagnostics Laboratory. It has not been cleared or approved by the US Food and Drug Administration.

**Requisition #:** 9900001  
**Patient Name:** Report Sample  
**Date of Birth:** Mar 9, 1960  
**Gender:** F

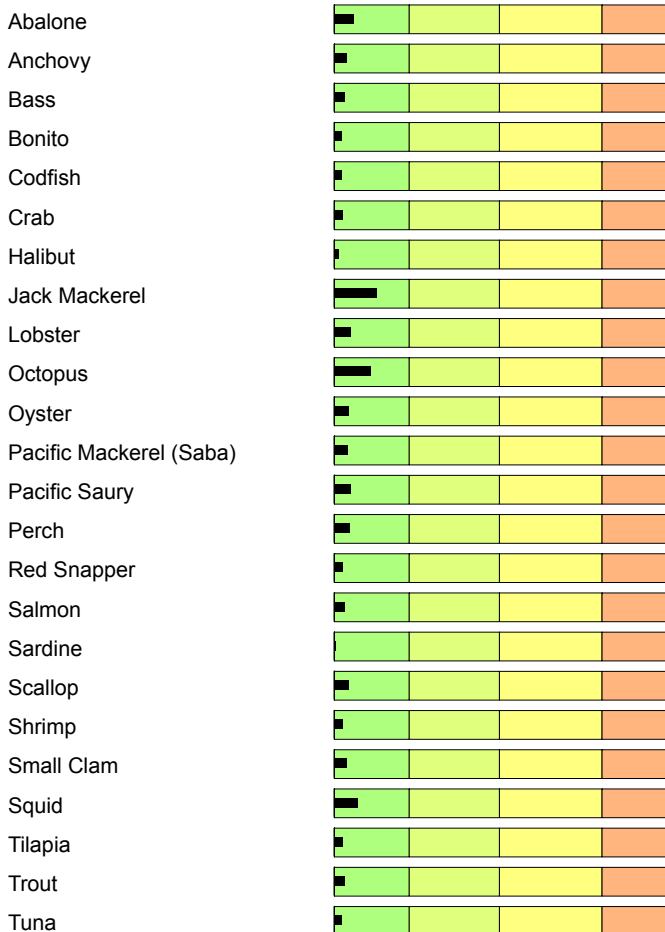
**Practitioner:** NO PHYSICIAN  
**Date of Collection:** Dec 1, 2022  
**Time of Collection:** Not Given  
**Report Date:** Nov 9, 2023

## IgG Food MAP (190) - DBS

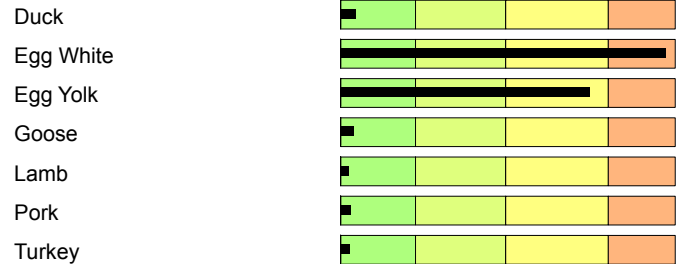
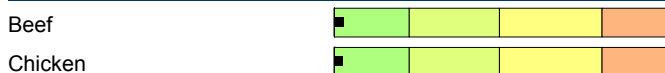
### Grains Continued



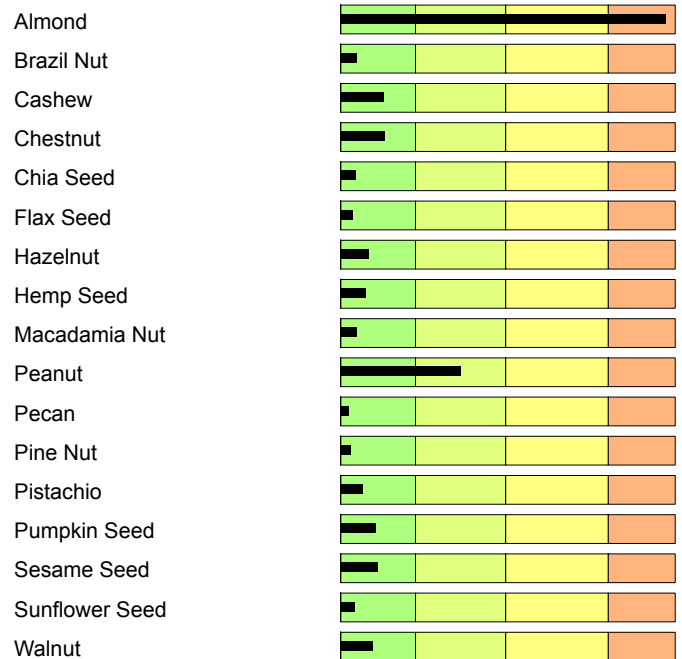
### Fish/Seafood



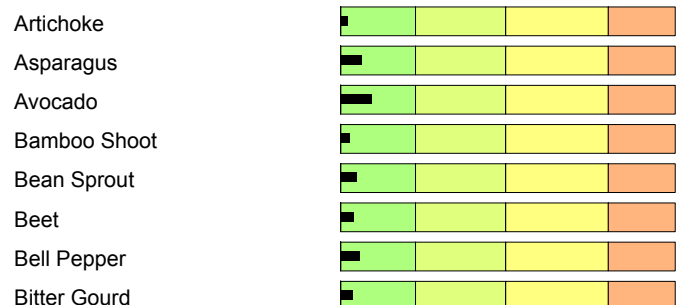
### Meat/Fowl



### Nuts/Seeds



### Vegetables



**Requisition #:** 9900001  
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**Gender:** F

**Practitioner:** NO PHYSICIAN  
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## IgG Food MAP (190) - DBS

### Vegetables Continued

Broccoli	
Brussel Sprout	
Burdock Root	
Cabbage	
Carrot	
Cauliflower	
Celery	
Chili Pepper	
Cucumber	
Eggplant	
Enoki Mushroom	
Garlic	
Kale	
Leek	
Lettuce	
Lotus Root	
Napa Cabbage	
Olive (Green)	
Onion	
Portabella Mushroom	
Potato	
Pumpkin	
Radish	
Seaweed Kombu Kelp	
Seaweed Nori	
Seaweed Wakame	
Shitake Mushroom	
Spinach	
Sweet Potato	
Tomato	
Yam	
Yellow Squash	
Yuca	

Zucchini

### Herbs/Spices

Basil	
Bay Leaf	
Black Pepper	
Cayenne Pepper	
Cilantro	
Cinnamon	
Cloves	
Cumin	
Curry	
Dill	
Ginger	
Hops	
Mint	
Miso	
Mustard Seed	
Oregano	
Paprika	
Rosemary	
Sage	
Tarragon	
Thyme	
Turmeric	
Vanilla Bean	

### Miscellaneous

Bromelain	
Cane Sugar	
Cocoa Bean	
Coffee	
Green Tea	
Honey	
Meat Glue	
Oolong Tea	

**Requisition #:** 9900001  
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## IgG Food MAP (190) - DBS

Food Reactivity Scale
Not Significant
Low
Moderate
High

### Reactivity Summary

#### High

Almond	Bromelain	Cheddar Cheese
Cow's Milk	Egg White	Gliadin
Goat's Milk	Mozzarella Cheese	Rye
Sheep's Yogurt	Wheat Gluten	Whey
Whole Wheat	Yogurt	

#### Moderate

Casein	Egg Yolk	Miso
Vanilla Bean		

#### Low

Coffee	Mustard Seed	Peanut
Pineapple		

**Requisition #:** 9900001  
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**Gender:** F

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**Date of Collection:** Dec 1, 2022  
**Time of Collection:** Not Given  
**Report Date:** Nov 9, 2023

## Reactivity Details

### Dairy

Antigen Name	Analyte	Scale	Value *	Not Significant
Beta-Lactoglobulin	IgG	Not Significant	2.63	< 4.47
Casein	IgG	Moderate	34.23	< 13.72
Cheddar Cheese	IgG	High	43.84	< 9.14
Cow's Milk	IgG	High	32.65	< 8.86
Goat's Milk	IgG	High	31.83	< 6.13
Mozzarella Cheese	IgG	High	41.75	< 9.91
Sheep's Yogurt	IgG	High	18.57	< 3.79
Whey	IgG	High	26.20	< 4.53
Yogurt	IgG	High	36.90	< 9.25

### Beans and Peas

Antigen Name	Analyte	Scale	Value *	Not Significant
Adzuki Bean	IgG	Not Significant	0.80	< 4.47
Black Bean	IgG	Not Significant	0.45	< 4.47
Garbanzo Bean	IgG	Not Significant	1.30	< 4.47
Green Bean	IgG	Not Significant	0.92	< 4.47
Green Pea	IgG	Not Significant	1.08	< 4.47
Kidney Bean	IgG	Not Significant	1.67	< 4.47
Lentil	IgG	Not Significant	1.73	< 4.47
Lima Bean	IgG	Not Significant	2.95	< 4.47
Mung Bean	IgG	Not Significant	0.81	< 4.47
Navy Bean	IgG	Not Significant	1.51	< 4.47
Pinto Bean	IgG	Not Significant	1.04	< 4.47
Soybean	IgG	Not Significant	1.53	< 4.47
Tofu	IgG	Not Significant	0.94	< 4.47

### Fruits

Antigen Name	Analyte	Scale	Value *	Not Significant
Acai Berry	IgG	Not Significant	0.88	< 4.47
Apple	IgG	Not Significant	0.41	< 4.47
Apricot	IgG	Not Significant	0.61	< 4.47
Banana	IgG	Not Significant	1.50	< 4.47
Blueberry	IgG	Not Significant	0.53	< 4.47
Cantaloupe	IgG	Not Significant	0.83	< 4.47
Cherry	IgG	Not Significant	1.89	< 4.47
Coconut	IgG	Not Significant	0.44	< 4.47
Cranberry	IgG	Not Significant	0.70	< 4.47
Date	IgG	Not Significant	0.50	< 4.47
Fig	IgG	Not Significant	0.66	< 4.47
Grape	IgG	Not Significant	2.01	< 4.47
Grapefruit	IgG	Not Significant	2.04	< 4.47
Guava	IgG	Not Significant	2.04	< 4.47
Jackfruit	IgG	Not Significant	0.71	< 4.47
Kiwi	IgG	Not Significant	0.98	< 4.47
Lemon	IgG	Not Significant	0.76	< 4.47
Lychee	IgG	Not Significant	0.87	< 4.47
Mango	IgG	Not Significant	0.62	< 4.47
Orange	IgG	Not Significant	0.83	< 4.47
Papaya	IgG	Not Significant	0.77	< 4.47
Passion Fruit	IgG	Not Significant	0.88	< 4.47
Peach	IgG	Not Significant	2.03	< 4.47
Pear	IgG	Not Significant	0.42	< 4.47
Pineapple	IgG	Low	9.73	< 7.19
Plum	IgG	Not Significant	0.55	< 4.47
Pomegranate	IgG	Not Significant	0.91	< 4.47
Raspberry	IgG	Not Significant	0.96	< 4.47
Strawberry	IgG	Not Significant	0.35	< 4.47
Watermelon	IgG	Not Significant	2.15	< 4.47

\* MFI x 1000

## Grains

Antigen Name	Analyte	Scale	Value *	Not Significant
Amaranth	IgG	Not Significant	0.55	< 4.47
Barley	IgG	Not Significant	1.29	< 4.47
Buckwheat	IgG	Not Significant	1.57	< 4.47
Corn	IgG	Not Significant	0.76	< 4.47
Gliadin	IgG	High	12.62	< 3.83
Malt	IgG	Not Significant	0.56	< 4.47
Millet	IgG	Not Significant	1.75	< 4.47
Oat	IgG	Not Significant	2.58	< 4.47
Quinoa	IgG	Not Significant	0.72	< 4.47
Rice	IgG	Not Significant	0.64	< 4.47
Rye	IgG	High	12.04	< 2.29
Sorghum	IgG	Not Significant	1.85	< 4.47
Teff	IgG	Not Significant	1.09	< 4.47
Wheat Gluten	IgG	High	12.78	< 2.91
Whole Wheat	IgG	High	17.99	< 3.63

## Fish/Seafood

Antigen Name	Analyte	Scale	Value *	Not Significant
Abalone	IgG	Not Significant	1.17	< 4.47
Anchovy	IgG	Not Significant	0.77	< 4.47
Bass	IgG	Not Significant	0.64	< 4.47
Bonito	IgG	Not Significant	0.44	< 4.47
Codfish	IgG	Not Significant	0.42	< 4.47
Crab	IgG	Not Significant	0.55	< 4.47
Halibut	IgG	Not Significant	0.29	< 4.47
Jack Mackerel	IgG	Not Significant	2.53	< 4.47
Lobster	IgG	Not Significant	0.98	< 4.47
Octopus	IgG	Not Significant	2.16	< 4.47
Oyster	IgG	Not Significant	0.87	< 4.47
Pacific Mackerel (Sa	IgG	Not Significant	0.81	< 4.47
Pacific Saury	IgG	Not Significant	0.98	< 4.47
Perch	IgG	Not Significant	0.92	< 4.47
Red Snapper	IgG	Not Significant	0.50	< 4.47
Salmon	IgG	Not Significant	0.61	< 4.47
Sardine	IgG	Not Significant	0.10	< 4.47
Scallop	IgG	Not Significant	0.86	< 4.47
Shrimp	IgG	Not Significant	0.53	< 4.47
Small Clam	IgG	Not Significant	0.77	< 4.47
Squid	IgG	Not Significant	1.40	< 4.47
Tilapia	IgG	Not Significant	0.51	< 4.47
Trout	IgG	Not Significant	0.63	< 4.47
Tuna	IgG	Not Significant	0.44	< 4.47

\* **MFI x 1000**

## Meat/Fowl

Antigen Name	Analyte	Scale	Value *	Not Significant
Beef	IgG	Not Significant	0.58	< 4.47
Chicken	IgG	Not Significant	0.55	< 4.47
Duck	IgG	Not Significant	0.90	< 4.47
Egg White	IgG	High	35.64	< 5.72
Egg Yolk	IgG	Moderate	14.87	< 4.47
Goose	IgG	Not Significant	0.77	< 4.47
Lamb	IgG	Not Significant	0.48	< 4.47
Pork	IgG	Not Significant	0.62	< 4.47
Turkey	IgG	Not Significant	0.57	< 4.47

## Nuts/Seeds

Antigen Name	Analyte	Scale	Value *	Not Significant
Almond	IgG	High	9.78	< 1.84
Brazil Nut	IgG	Not Significant	0.98	< 4.47
Cashew	IgG	Not Significant	2.59	< 4.47
Chestnut	IgG	Not Significant	2.66	< 4.47
Chia Seed	IgG	Not Significant	0.92	< 4.47
Flax Seed	IgG	Not Significant	0.71	< 4.47
Hazelnut	IgG	Not Significant	1.67	< 4.47
Hemp Seed	IgG	Not Significant	1.51	< 4.47
Macadamia Nut	IgG	Not Significant	0.97	< 4.47
Peanut	IgG	Low	7.55	< 4.73
Pecan	IgG	Not Significant	0.49	< 4.47
Pine Nut	IgG	Not Significant	0.62	< 4.47
Pistachio	IgG	Not Significant	1.31	< 4.47
Pumpkin Seed	IgG	Not Significant	2.11	< 4.47
Sesame Seed	IgG	Not Significant	2.55	< 2.59
Sunflower Seed	IgG	Not Significant	0.85	< 4.47
Walnut	IgG	Not Significant	1.91	< 4.47

## Vegetables

Antigen Name	Analyte	Scale	Value *	Not Significant
Artichoke	IgG	Not Significant	0.47	< 4.47
Asparagus	IgG	Not Significant	1.27	< 4.47
Avocado	IgG	Not Significant	1.87	< 4.47
Bamboo Shoot	IgG	Not Significant	0.53	< 4.47
Bean Sprout	IgG	Not Significant	0.98	< 4.47
Beet	IgG	Not Significant	0.77	< 4.47
Bell Pepper	IgG	Not Significant	1.16	< 4.47
Bitter Gourd	IgG	Not Significant	0.76	< 4.47
Broccoli	IgG	Not Significant	0.97	< 4.47
Brussel Sprout	IgG	Not Significant	1.53	< 4.47
Burdock Root	IgG	Not Significant	0.86	< 4.47
Cabbage	IgG	Not Significant	1.58	< 4.47

## Vegetables(Cont..)

Antigen Name	Analyte	Scale	Value *	Not Significant
Carrot	IgG	Not Significant	1.14	< 4.47
Cauliflower	IgG	Not Significant	1.15	< 4.47
Celery	IgG	Not Significant	1.40	< 4.47
Chili Pepper	IgG	Not Significant	3.33	< 4.47
Cucumber	IgG	Not Significant	0.85	< 4.47
Eggplant	IgG	Not Significant	0.71	< 4.47
Enoki Mushroom	IgG	Not Significant	0.99	< 4.47
Garlic	IgG	Not Significant	1.66	< 4.47
Kale	IgG	Not Significant	1.06	< 4.47
Leek	IgG	Not Significant	0.83	< 4.47
Lettuce	IgG	Not Significant	3.86	< 4.47
Lotus Root	IgG	Not Significant	0.50	< 4.47
Napa Cabbage	IgG	Not Significant	2.17	< 4.47
Olive (Green)	IgG	Not Significant	0.33	< 4.47
Onion	IgG	Not Significant	0.53	< 4.47
Portabella Mushroom	IgG	Not Significant	0.85	< 4.47
Potato	IgG	Not Significant	1.24	< 4.47
Pumpkin	IgG	Not Significant	0.74	< 4.47
Radish	IgG	Not Significant	1.68	< 4.47
Seaweed Kombu Ke	IgG	Not Significant	0.42	< 4.47
Seaweed Nori	IgG	Not Significant	1.78	< 4.47
Seaweed Wakame	IgG	Not Significant	0.73	< 4.47
Shitake Mushroom	IgG	Not Significant	0.61	< 4.47
Spinach	IgG	Not Significant	2.01	< 4.47
Sweet Potato	IgG	Not Significant	0.82	< 4.47
Tomato	IgG	Not Significant	1.60	< 4.47
Yam	IgG	Not Significant	0.74	< 4.47
Yellow Squash	IgG	Not Significant	0.95	< 4.47
Yuca	IgG	Not Significant	1.23	< 4.47
Zucchini	IgG	Not Significant	1.77	< 4.47

## Herbs/Spices

Antigen Name	Analyte	Scale	Value *	Not Significant
Basil	IgG	Not Significant	0.50	< 4.47
Bay Leaf	IgG	Not Significant	0.39	< 4.47
Black Pepper	IgG	Not Significant	1.44	< 4.47
Cayenne Pepper	IgG	Not Significant	1.36	< 4.47
Cilantro	IgG	Not Significant	0.92	< 4.47
Cinnamon	IgG	Not Significant	0.59	< 4.47
Cloves	IgG	Not Significant	0.39	< 4.47
Cumin	IgG	Not Significant	0.93	< 4.47
Curry	IgG	Not Significant	0.89	< 4.47
Dill	IgG	Not Significant	1.41	< 4.47
Ginger	IgG	Not Significant	0.66	< 4.47
Hops	IgG	Not Significant	0.58	< 4.47
Mint	IgG	Not Significant	0.36	< 4.47
Miso	IgG	Moderate	4.36	< 2.39
Mustard Seed	IgG	Low	5.68	< 4.47
Oregano	IgG	Not Significant	0.34	< 4.47
Paprika	IgG	Not Significant	1.09	< 4.47
Rosemary	IgG	Not Significant	0.75	< 4.47
Sage	IgG	Not Significant	0.43	< 4.47
Tarragon	IgG	Not Significant	0.53	< 4.47
Thyme	IgG	Not Significant	0.47	< 4.47
Turmeric	IgG	Not Significant	1.93	< 4.47
Vanilla Bean	IgG	Moderate	5.41	< 2.03

## Miscellaneous

Antigen Name	Analyte	Scale	Value *	Not Significant
Bromelain	IgG	High	9.86	< 2.71
Cane Sugar	IgG	Not Significant	0.72	< 4.47
Cocoa Bean	IgG	Not Significant	0.53	< 4.47
Coffee	IgG	Low	5.14	< 4.47
Green Tea	IgG	Not Significant	2.81	< 4.47
Honey	IgG	Not Significant	0.79	< 4.47
Meat Glue	IgG	Not Significant	0.81	< 4.47
Oolong Tea	IgG	Not Significant	1.12	< 4.47

\* MFI x 1000

## Comments

### **IgG Food MAP uses food-derived antigens to assess IgG immune reactivity to each of 190 foods:**

A patient's serum or dry blood spot sample is introduced to a protein extract from each of the 190 foods. The test report indicates the level of IgG antibodies to those specific food proteins. If food-specific binding occurs between a food antigen and the patient's IgG antibodies, the result will appear on the graph as low, moderate, or high in relation to a reactivity scale.

### **Using IgG Food MAP results to build elimination or exclusion diets:**

Symptomatic reactions to IgG-reactive foods are difficult to connect with specific foods. A diet eliminating some or all reactive foods may improve symptoms and is not as challenging as a full elimination or elemental diet. As reactive foods are removed from the diet, it is useful to observe any changes in digestion, skin condition, energy level, mood, or pain level.

The IgG Food MAP Test includes two separate reports: the IgG Food MAP report (190 foods) and the IgG Yeast Allergy report (Candida albicans and Saccharomyces cerevisiae yeast).

Because yeasts' primary antigens are rich in glycans, and not suited for the protein-specific assay, they are tested by an ELISA method and results are provided **in a separate report**, which may occasionally be delivered or available in the portal on a different date.

**For additional information and references on IgG and dietary intervention, please visit [www.greatplainslaboratory.com](http://www.greatplainslaboratory.com), Select A Test – IgG**





### ***Congratulations, Report***

***The IgG test was an important step in improving your health. A Food Rotation Diet based on your results may further improve your symptoms.***

***The Mosaic Diagnostics.***

### **FOOD ROTATION DIET BASED ON IGG RESULTS**

The following personalized rotation diet is presented as an example of this approach to symptom reduction based on your IgG results.

Foods that showed elevated IgG levels on your test (those in the moderate or high categories) have been removed from rotation. Your rotation diet is constructed from the foods that tested in the clinically insignificant or low categories on your results. Foods were grouped by food families, such as the cabbage family or the fish family, as related organisms are more likely to share similar proteins with similar immune reactivity.

#### **Rotation diets are a recommended method for reducing negative responses to foods:**

In general, eating from different food families distributed over several days reduces overall inflammation and toxic load, as well as lessening the chance of developing additional food sensitivities. Consult your health practitioner for advice on how long to follow your rotation diet and when to reintroduce foods as a challenge. Many individuals require at least a year or more of food elimination and rotation for IgG levels to return to normal. Continuing to eat a variety of whole foods is a healthy lifestyle choice.

#### **Rotation diets may reduce overall food reactivity:**

Eating similar foods every day is an easy pattern to adopt for busy lives, however, this behavior may increase food reactivity. Rotating foods decreases the burden on the immune system and possibly reduces overall toxin load, while providing adequate nutrition and variety. Food cravings may lessen and awareness of responses to specific foods may be heightened. Rotating foods may also “unmask” hidden food sensitivities, especially if a detailed food and symptom daily record is maintained.

#### **Please note that the rotation diet is based only on IgG testing:**

Testing for IgE antibodies to food allergens should be considered PRIOR TO BEGINNING A ROTATION DIET, even if histamine reactions are not symptomatically evident. The most common IgE reactions are to dairy, eggs, peanuts, or seafood. IgE allergies are most common in childhood, and often are outgrown by adulthood.

***For additional information and references on IgG and dietary intervention, please visit [www.greatplainslaboratory.com](http://www.greatplainslaboratory.com). Select A Test – IgG***



## Four Day Rotation Diet – Customized for Report Sample

Day 1	Day 2	Day 3	Day 4
<b>Dairy</b>			
<b>Beans and Peas</b>			
Black Bean Green Bean Kidney Bean Navy Bean Pinto Bean	Adzuki Bean Mung Bean Soybean Tofu	Lentil Lima Bean	Garbanzo Bean Green Pea
<b>Fruits</b>			
Apple Date Jackfruit Lychee Passion Fruit Pear	Acai Berry Cantaloupe Grapefruit Guava Lemon Orange Pomegranate Watermelon	Apricot Blueberry Cherry Cranberry Fig Grape Kiwi Peach Plum Raspberry Strawberry	Banana Coconut Mango Papaya Pineapple
<b>Grains</b>			
Millet Sorghum Teff	Amaranth Buckwheat Oat Quinoa	Corn	Barley Malt Rice
<b>Fish/Seafood</b>			
Anchovy Codfish Halibut Sardine	Abalone Crab Jack Mackerel Lobster Octopus Oyster Scallop Shrimp Small Clam Squid Tilapia	Perch Red Snapper Salmon Trout	Bass Bonito Pacific Mackerel (Saba) Pacific Saury Tuna

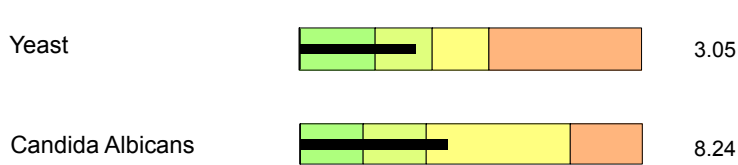
<b>Meat/Fowl</b>			
Beef Lamb	Chicken Duck Goose Turkey		Pork
<b>Nuts/Seeds</b>			
Flax Seed Pine Nut Sesame Seed	Chestnut Hazelnut Hemp Seed Pecan Sunflower Seed Walnut	Cashew Chia Seed Macadamia Nut	Brazil Nut Peanut Pistachio Pumpkin Seed
<b>Vegetables</b>			
Broccoli Brussel Sprout Cabbage Cauliflower Kale Napa Cabbage Radish Sweet Potato Yam	Artichoke Beet Bitter Gourd Burdock Root Cucumber Pumpkin Seaweed Kombu Kelp Seaweed Nori Seaweed Wakame Spinach Yellow Squash	Asparagus Avocado Bell Pepper Chili Pepper Eggplant Garlic Leek Onion Potato Tomato	Bamboo Shoot Bean Sprout Carrot Celery Enoki Mushroom Lettuce Lotus Root Olive (Green) Portabella Mushroom Shitake Mushroom
<b>Herbs/Spices</b>			
Bay Leaf Cinnamon Cloves Mustard Seed Tarragon	Black Pepper Cayenne Pepper Ginger Paprika Turmeric	Basil Mint Oregano Rosemary Sage Thyme	Cilantro Cumin Curry Dill Hops
<b>Miscellaneous</b>			

Miscellaneous foods are not rotated. Remove foods with a moderate or high antibody response.

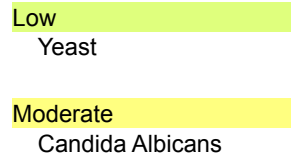
**Requisition #:** 9900001  
**Patient Name:** Report Sample  
**Date of Birth:** Mar 9, 1960  
**Gender:** F

**Practitioner:** NO PHYSICIAN  
**Date of Collection:** Dec 1, 2022  
**Time of Collection:** Not Given  
**Report Date:** Nov 9, 2023

## IgG Yeasts Allergy Test (2) DBS



### Reactivity Summary



Not Significant	1.00 - 1.99
Low	2.00 - 3.49
Moderate	3.50 - 4.99
High	>= 5.00
<b>Yeast Saccharomyces Cerevisiae Scale</b>	

Not Significant	<= 3.49
Low	3.50 - 6.99
Moderate	7.00 - 14.99
High	>= 15.00
<b>Candida Scale</b>	

The Candida albicans scale accounts for the observation that background levels of Candida-specific immunoglobulins are normally present in virtually all individuals tested. It is intended to provide a clearer description of its clinical significance and was established according to population percentile ranks obtained from a random subset of 1,000 patients.

This test was developed, and its performance characteristics determined by Mosaic Diagnostics Laboratory. It has not been cleared or approved by the US Food and Drug Administration.

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<b>Requisition #:</b>	9900001	<b>Practitioner:</b>	NO PHYSICIAN
<b>Patient Name:</b>	Report Sample	<b>Date of Collection:</b>	Dec 1, 2022
<b>Date of Birth:</b>	Mar 9, 1960	<b>Time of Collection:</b>	Not Given
<b>Gender:</b>	F	<b>Report Date:</b>	Nov 9, 2023

## IgG Yeasts Allergy Test (2) DBS

### Comments

#### High levels of IgG antibodies to Candida, a genus of yeast:

A separate test for IgG antibody to Candida (serum and DBS) is included because of Candida's importance to overall health. IgG antibodies to Candida may be due to current or past infection or intestinal overgrowth. An elevated Candida IgG indicates the immune system has interacted with Candida. Although Candida and related fungal species are normal constituents of GI flora, use of antibiotics, oral contraceptives, chemotherapy, or anti-inflammatory steroids increases the possibility of fungal overgrowth and imbalance of GI flora. Dietary improvements and/or antifungal therapy may lower Candida antibodies and reduce symptoms.