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# 588-Complete Dietary Antigen Testing

Dunwoody Labs is an innovator of testing solutions that assist in the diagnosis and management of conditions.

## PATIENT INFO

NAME: **SAMPLE PATIENT**  
REQUISITION ID: R01014  
SAMPLE ID: 13131  
DOB: 1/1/2001  
SAMPLE DATE: 2/25/2018  
RECEIVE DATE: 2/26/2018  
REPORT DATE: 3/2/2018

## CLINIC INFO

**DUNWOODY LABS**  
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SUITE 121  
DUNWOODY, GA 30338  
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## SUMMARY | 1/2

DIETARY ANTIGEN	588E - ALLERGIES					588G - SENSITIVITIES			REASON FOR EXCLUSION
	IgE	IgE	IgG4	IgG4	BLOCKING POTENTIAL	IgG	IgG	C3d	
Almond	L	3.88 ng/ml	L	3.06 ng/ml		L	35.98 ng/ml	YES	Sensitivity
Apple		0.00 ng/ml	L	0.87 ng/ml		L	13.26 ng/ml	YES	Sensitivity
Asparagus		0.00 ng/ml		0.00 ng/ml		L	26.04 ng/ml	YES	Sensitivity
Aspergillus Mix		0.00 ng/ml	L	1.66 ng/ml		L	2450.76 ng/ml	YES	Sensitivity
Avocado	L	1.15 ng/ml	L	3.46 ng/ml	YES		0.00 ng/ml	YES	Sensitivity
Banana		0.00 ng/ml	L	2.46 ng/ml		L	11.84 ng/ml		
Barley	L	1.06 ng/ml	HIGH	12.25 ng/ml	YES		0.00 ng/ml		Sensitivity
Beef	L	0.57 ng/ml	L	2.66 ng/ml	YES		0.00 ng/ml	YES	Sensitivity
Black Pepper		0.00 ng/ml		0.00 ng/ml		MODERATE	1152.46 ng/ml		Sensitivity
Blueberry		0.00 ng/ml		0.00 ng/ml		HIGH	284.56 ng/ml		Sensitivity
Brewer's Yeast		0.00 ng/ml		0.00 ng/ml		MODERATE	1462.12 ng/ml		Sensitivity
Broccoli		0.00 ng/ml	HIGH	10.05 ng/ml		MODERATE	835.70 ng/ml		Sensitivity
Cabbage		0.00 ng/ml		0.00 ng/ml		L	13.26 ng/ml		
Cacao		0.00 ng/ml		0.00 ng/ml		MODERATE	172.35 ng/ml		Sensitivity
Candida	L	1.76 ng/ml	MODERATE	6.86 ng/ml	YES	L	645.36 ng/ml		Sensitivity
Cantaloupe	L	1.84 ng/ml	MODERATE	2.86 ng/ml	YES	MODERATE	98.48 ng/ml	YES	Sensitivity
Carrot	L	0.56 ng/ml		0.00 ng/ml		L	87.12 ng/ml		
Casein	L	1.04 ng/ml	MODERATE	25.23 ng/ml	YES	L	442.23 ng/ml	YES	Sensitivity
Cashew		0.00 ng/ml	MODERATE	10.85 ng/ml		MODERATE	187.97 ng/ml		Sensitivity
Cauliflower	MODERATE	1.67 ng/ml	L	0.87 ng/ml		L	6.16 ng/ml		Allergy
Celery		0.00 ng/ml		0.00 ng/ml		L	37.41 ng/ml		
Cherry		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Chicken	L	0.57 ng/ml		0.00 ng/ml			0.00 ng/ml		
Cinnamon		0.00 ng/ml		0.00 ng/ml		HIGH	2075.76 ng/ml		Sensitivity
Clam	L	15.69 ng/ml	MODERATE	8.85 ng/ml		HIGH	1602.75 ng/ml		Sensitivity
Coconut	MODERATE	5.54 ng/ml	MODERATE	5.26 ng/ml		L	70.08 ng/ml	YES	Allergy & Sensitivity
Codfish	L	1.55 ng/ml	MODERATE	4.06 ng/ml	YES	L	26.04 ng/ml		Sensitivity
Coffee	L	0.16 ng/ml		0.00 ng/ml		L	129.73 ng/ml		
Corn	L	0.86 ng/ml		0.00 ng/ml			0.00 ng/ml		
Cottonseed		0.00 ng/ml		0.00 ng/ml		MODERATE	109.85 ng/ml		Sensitivity
Cow's Milk	L	4.37 ng/ml	MODERATE	67.36 ng/ml	YES	L	1230.59 ng/ml	YES	Sensitivity
Crab		0.00 ng/ml		0.00 ng/ml		L	54.45 ng/ml		
Cucumber	L	0.08 ng/ml		0.00 ng/ml			0.00 ng/ml		
Egg Albumin	MODERATE	9.03 ng/ml	MODERATE	143.24 ng/ml	YES	L	723.48 ng/ml		Allergy & Sensitivity
Egg Yolk	L	1.40 ng/ml	HIGH	53.18 ng/ml	YES	MODERATE	803.03 ng/ml		Sensitivity
English Walnut		0.00 ng/ml	L	0.27 ng/ml		MODERATE	89.96 ng/ml		Sensitivity
Flax Seed	L	0.37 ng/ml		0.00 ng/ml		MODERATE	152.46 ng/ml		Sensitivity
Flounder	L	0.08 ng/ml		0.00 ng/ml			0.00 ng/ml		

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REPORT DATE:

3/2/2018

## SUMMARY | 2/2

DIETARY ANTIGEN	588E - ALLERGIES					588G - SENSITIVITIES			REASON FOR EXCLUSION
	IgE	IgE	IgG4	IgG4	BLOCKING POTENTIAL	IgG	IgG	C3d	
Garlic	L	0.03 ng/ml		0.00 ng/ml			0.00 ng/ml		
Ginger	MODERATE	3.20 ng/ml	MODERATE	3.86 ng/ml	YES	HIGH	1180.87 ng/ml		Allergy & Sensitivity
Gluten	HIGH	54.92 ng/ml	MODERATE	19.24 ng/ml		L	312.97 ng/ml		Allergy & Sensitivity
Goat's Milk	MODERATE	7.17 ng/ml	MODERATE	58.57 ng/ml	YES	L	974.91 ng/ml	YES	Allergy & Sensitivity
Grapefruit		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Grapes		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Green Olive	HIGH	3.63 ng/ml	L	0.67 ng/ml			0.00 ng/ml		Allergy
Green Pea	L	2.28 ng/ml	MODERATE	2.46 ng/ml	YES		0.00 ng/ml		Sensitivity
Green Pepper		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Halibut		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Honeydew		0.00 ng/ml		0.00 ng/ml		L	1.89 ng/ml		
Hops		0.00 ng/ml	L	1.66 ng/ml		L	139.68 ng/ml		
Kidney Bean	L	3.44 ng/ml	L	0.07 ng/ml		L	80.02 ng/ml		
Lemon		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Lettuce	MODERATE	2.21 ng/ml		0.00 ng/ml		L	9.00 ng/ml		Allergy
Lima Bean	L	0.74 ng/ml	L	2.66 ng/ml	YES		0.00 ng/ml		
Lobster		0.00 ng/ml		0.00 ng/ml		L	84.28 ng/ml		
Mushroom		0.00 ng/ml		0.00 ng/ml		HIGH	146.78 ng/ml		Sensitivity
Mustard	L	0.33 ng/ml		0.00 ng/ml		L	7.58 ng/ml		
Navy Bean	L	2.58 ng/ml	L	0.27 ng/ml		L	50.19 ng/ml		
Oat		0.00 ng/ml		0.00 ng/ml		MODERATE	135.42 ng/ml		Sensitivity
Onion		0.00 ng/ml		0.00 ng/ml		MODERATE	18.94 ng/ml		Sensitivity
Orange	HIGH	6.92 ng/ml		0.00 ng/ml		L	1.89 ng/ml		Allergy
Peach		0.00 ng/ml	L	0.67 ng/ml			0.00 ng/ml		
Peanut	MODERATE	3.50 ng/ml	L	1.46 ng/ml			0.00 ng/ml		Allergy
Pear		0.00 ng/ml		0.00 ng/ml		HIGH	88.54 ng/ml		Sensitivity
Pecan		0.00 ng/ml		0.00 ng/ml		MODERATE	9.00 ng/ml		Sensitivity
Pineapple		0.00 ng/ml		0.00 ng/ml		L	47.35 ng/ml		
Plum	L	0.16 ng/ml		0.00 ng/ml		L	21.78 ng/ml		
Pork	MODERATE	5.21 ng/ml	L	1.66 ng/ml		L	1.89 ng/ml		Allergy
Rice		0.00 ng/ml		0.00 ng/ml		L	61.55 ng/ml		
Rye	L	0.76 ng/ml	L	0.87 ng/ml	YES	MODERATE	459.28 ng/ml		Sensitivity
Salmon		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Scallops		0.00 ng/ml		0.00 ng/ml		MODERATE	10.42 ng/ml		Sensitivity
Sesame	L	2.71 ng/ml		0.00 ng/ml		L	38.83 ng/ml		
Shrimp	HIGH	2.52 ng/ml		0.00 ng/ml		L	57.29 ng/ml		Allergy
Soybean	HIGH	29.73 ng/ml	MODERATE	17.64 ng/ml		L	94.22 ng/ml		Allergy & Sensitivity
Spinach	MODERATE	4.48 ng/ml	L	0.27 ng/ml		L	23.20 ng/ml		Allergy
Strawberry		0.00 ng/ml		0.00 ng/ml		MODERATE	34.56 ng/ml		Sensitivity
String Bean	L	0.81 ng/ml	MODERATE	1.26 ng/ml	YES	L	33.14 ng/ml		Sensitivity
Sweet Potato		0.00 ng/ml		0.00 ng/ml			0.00 ng/ml		
Tea		0.00 ng/ml		0.00 ng/ml		MODERATE	499.05 ng/ml		Sensitivity
Tomato	L	0.47 ng/ml		0.00 ng/ml		L	16.10 ng/ml		
Tuna	MODERATE	8.38 ng/ml	MODERATE	8.45 ng/ml	YES	L	33.14 ng/ml		Allergy & Sensitivity
Turkey	MODERATE	6.43 ng/ml	HIGH	85.73 ng/ml	YES	L	45.93 ng/ml		Allergy & Sensitivity
Vanilla	L	1.22 ng/ml		0.00 ng/ml		L	142.52 ng/ml		
Watermelon	L	0.81 ng/ml		0.00 ng/ml		L	14.68 ng/ml		
White Potato		0.00 ng/ml	L	0.27 ng/ml		HIGH	143.94 ng/ml		Sensitivity
Whole Wheat	L	0.57 ng/ml	L	0.47 ng/ml		L	23.20 ng/ml		
Yellow Squash	MODERATE	8.87 ng/ml	L	5.46 ng/ml		L	70.08 ng/ml		Allergy

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## LESS RESTRICTIVE DIET

Our Dietary Antigen Test is designed to show which commonly ingested foods are causing a response within your immune system. Foods with a moderate or high reaction are recommended to be reduced or eliminated from your diet. Please work with your practitioner to determine the best plan of treatment based on your individual responses.

High IgE reactions be eliminated from your diet. High IgG4 reactions should be eliminated as well. At high levels, IgG4 has gone beyond blocking potential and can now drive inflammation, conditions and diseases in the body. High IgG reactions with or without complement activation, should be eliminated from the diet. Anytime C3d is present the reaction will be worse. Moderate IgG reactions with complement activation should also be removed.

We understand that different patients have different needs, therefore we provide the **More Restrictive Diet** on the following page to give the practitioner a more restrictive option if necessary to match their patient's needs.

NO LIMITATION		
These foods produce no immune reaction within your system at this time.		
Almond	Flounder	Spinach
Apple	Garlic	Strawberry
Asparagus	Goat's Milk	String Bean
Aspergillus Mix	Grapefruit	Sweet Potato
Avocado	Grapes	Tea
Banana	Green Pea	Tomato
Beef	Green Pepper	Tuna
Black Pepper	Halibut	Vanilla
Brewer's Yeast	Honeydew	Watermelon
Cabbage	Hops	Whole Wheat
Cacao	Kidney Bean	Yellow Squash
Candida	Lemon	
Carrot	Lettuce	
Casein	Lima Bean	
Cashew	Lobster	
Cauliflower	Mustard	
Celery	Navy Bean	
Cherry	Oat	
Chicken	Onion	
Coconut	Peach	
Codfish	Peanut	
Coffee	Pecan	
Corn	Pineapple	
Cottonseed	Plum	
Cow's Milk	Pork	
Crab	Rice	
Cucumber	Rye	
Egg Albumin	Salmon	
English Walnut	Scallops	
Flax Seed	Sesame	

ELIMINATE
Remove these foods entirely from your diet.
Barley
Blueberry
Broccoli
Cantaloupe
Cinnamon
Clam
Egg Yolk
Ginger
Gluten
Green Olive
Mushroom
Orange
Pear
Shrimp
Soybean
Turkey
White Potato

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## MORE RESTRICTIVE DIET

We provide the diet found on this page as an alternative option with higher restrictive dietary recommendations where all moderate and high reactions are removed completely. This diet also introduces a **Rotate** category.

In this diet all moderate and high reactions are removed. Low IgG reactions with complement are recommended to be rotated every 72 hours or to be reduced in amount of overall intake.

NO LIMITATION	ROTATE	ELIMINATE
These foods produce no immune reaction within your system at this time.	These foods should be rotated out of your diet for a period of 72 hrs or reduced in overall intake.	Remove these foods entirely from your diet.
Banana Cabbage Carrot Celery Cherry Chicken Coffee Corn Crab Cucumber Flounder Garlic Grapefruit Grapes Green Pepper Halibut Honeydew Hops Kidney Bean Lemon Lima Bean Lobster Mustard Navy Bean Peach Pineapple Plum Rice Salmon Sesame Sweet Potato Tomato Vanilla Watermelon Whole Wheat	Almond Apple Asparagus Aspergillus Mix Avocado Beef	Barley Black Pepper Blueberry Brewer's Yeast Broccoli Cacao Candida Cantaloupe Casein Cashew Cauliflower Cinnamon Clam Coconut Codfish Cottonseed Cow's Milk Egg Albumin Egg Yolk English Walnut Flax Seed Ginger Gluten Goat's Milk Green Olive Green Pea Lettuce Mushroom Oat Onion Orange Peanut Pear Pecan Pork Rye Scallops Shrimp Soybean Spinach Strawberry String Bean Tea Tuna Turkey White Potato Yellow Squash

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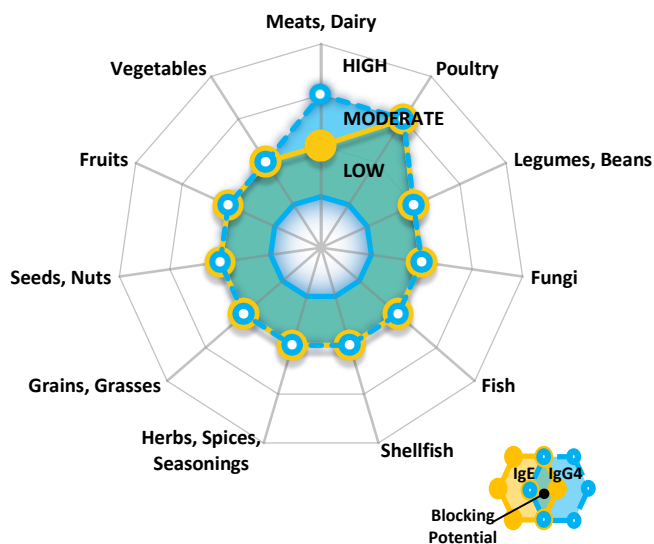
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**588E - Dietary Antigen Testing | 1/4**

**Dietary Antigen Exposure by Food Group**

	IgE	IgG4
Meats, Dairy	LOW	MODERATE
Poultry	MODERATE	MODERATE
Legumes, Beans	LOW	LOW
Fungi	LOW	LOW
Fish	LOW	LOW
Shellfish	LOW	LOW
Herbs, Spices, Seasonings	LOW	LOW
Grains, Grasses	LOW	LOW
Seeds, Nuts	LOW	LOW
Fruits	LOW	LOW
Vegetables	LOW	LOW



**Dietary Antigen Exposure by Food Group**

In this test, a human serum sample is probed for the presence of IgE and IgG4 antibodies which have an exact affinity for specific dietary allergens. Dietary allergens are clustered by the food groups shown in the table and graph above. The quantitative summation of the IgE and IgG4 results within the offending food groups are expressed graphically. The exclusion of the offending food group(s) from the diet has been shown to reduce the severity of symptoms associated with food allergies.

**Blocking Potential**

In high levels, IgG4 antibodies alone can trigger an immune response within the body. However, data is available that provides support for the notion that IgG4 can serve another specific function of controlling antigen recognition by IgE and consequently regulating anaphylactic reactions and IgE-mediated immunity. IgG4 can act as a blocking agent by preventing IgE from binding to targeted receptor sites and releasing histamine. We refer to this as the blocking potential.

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## 588E - Dietary Antigen Testing | 2/4

## Understanding the Key

It is important to understand how reactive your patient is to a given food. If the patient had a high reaction, they are considered in the top 2.5% in terms of reactions; moderate reactions represent the next 2.5%. This means that moderate or severe reactions represent the top 5% of reactivity. A low reaction represents a broader population of reactivity at 20%. Therefore low, moderate, and high reactions combined represent 25% of the most reactive patients.

## IgE

The IgE antibody response is the most commonly known food allergy response. This response usually occurs immediately and can create severe symptoms such as swelling, hives, itching, and - in some cases - anaphylaxis. Even though IgE reactions are immediate, the allergic potential of food-based allergens can remain in your system 1-2 days after ingestion, extending the presence of symptoms during this duration. IgE reactions can be permanent or they may improve with the elimination diet and gut treatment. IgE reactions stimulate the release of histamine in the body.

## IgG4

IgG4, which is a subclass of IgG, is a distinct antibody in the immune system. IgG4 total antibody is important in relation to IgE because this antibody acts as a blocking agent for an IgE reaction. When the IgG4 reaction is greater than the IgE reaction for a particular antigen, IgG4 blocks the IgE antibodies from binding to the receptor sites and releasing histamine, thereby reducing severity of the symptoms associated with the IgE reaction. This is referred to as the blocking potential. IgG4 carries its own clinical relevance in high levels and may mediate several conditions and diseases.

## Patient Results

ANTIGEN	RESULT	IgE	REF. RANGE
<b>MEATS, DAIRY</b>			
Beef	L	0.57 ng/ml	0.00 - 7.34 ng/ml
Casein	L	1.04 ng/ml	0.00 - 4.98 ng/ml
Cow's Milk	L	4.37 ng/ml	0.00 - 7.89 ng/ml
Goat's Milk	MODERATE	7.17 ng/ml	0.00 - 9.41 ng/ml
Pork	MODERATE	5.21 ng/ml	0.00 - 6.89 ng/ml
<b>POULTRY</b>			
Chicken	L	0.57 ng/ml	0.00 - 1.83 ng/ml
Egg Albumin	MODERATE	9.03 ng/ml	0.00 - 10.68 ng/ml
Egg Yolk	L	1.40 ng/ml	0.00 - 7.1 ng/ml
Turkey	MODERATE	6.43 ng/ml	0.00 - 6.44 ng/ml
<b>LEGUMES, BEANS</b>			
Green Pea	L	2.28 ng/ml	0.00 - 5.52 ng/ml
Kidney Bean	L	3.44 ng/ml	0.00 - 5.27 ng/ml
Lima Bean	L	0.74 ng/ml	0.00 - 4.23 ng/ml
Navy Bean	L	2.58 ng/ml	0.00 - 5.15 ng/ml
Peanut	MODERATE	3.50 ng/ml	0.00 - 4.03 ng/ml
Soybean	HIGH	29.73 ng/ml	0.00 - 27.11 ng/ml
String Bean	L	0.81 ng/ml	0.00 - 3.33 ng/ml
<b>FUNGI</b>			
Aspergillus Mix		0.00 ng/ml	0.00 - 8.43 ng/ml
Brewer's Yeast		0.00 ng/ml	0.00 - 2.83 ng/ml
Candida	L	1.76 ng/ml	0.00 - 8.96 ng/ml
Mushroom		0.00 ng/ml	0.00 - 2 ng/ml
<b>FISH</b>			
Codfish	L	1.55 ng/ml	0.00 - 5.09 ng/ml
Flounder	L	0.08 ng/ml	0.00 - 2 ng/ml
Halibut		0.00 ng/ml	0.00 - 2 ng/ml
Salmon		0.00 ng/ml	0.00 - 2 ng/ml
Tuna	MODERATE	8.38 ng/ml	0.00 - 10.37 ng/ml
<b>SHELLFISH</b>			
Clam	L	15.69 ng/ml	0.00 - 25.02 ng/ml
Crab		0.00 ng/ml	0.00 - 2 ng/ml
Lobster		0.00 ng/ml	0.00 - 2.48 ng/ml

ANTIGEN	RESULT	IgG4	REF. RANGE	BLOCKING POTENTIAL
<b>MEATS, DAIRY</b>				
Beef	L	2.66 ng/ml	0.00 - 7.51 ng/ml	YES
Casein	MODERATE	25.23 ng/ml	0.00 - 67.86 ng/ml	YES
Cow's Milk	MODERATE	67.36 ng/ml	0.00 - 128.29 ng/ml	YES
Goat's Milk	MODERATE	58.57 ng/ml	0.00 - 66.22 ng/ml	YES
Pork	L	1.66 ng/ml	0.00 - 6.67 ng/ml	
<b>POULTRY</b>				
Chicken		0.00 ng/ml	0.00 - 2 ng/ml	
Egg Albumin	MODERATE	143.24 ng/ml	0.00 - 221.65 ng/ml	YES
Egg Yolk	HIGH	53.18 ng/ml	0.00 - 44.64 ng/ml	YES
Turkey	HIGH	85.73 ng/ml	0.00 - 7.52 ng/ml	YES
<b>LEGUMES, BEANS</b>				
Green Pea	MODERATE	2.46 ng/ml	0.00 - 6.15 ng/ml	YES
Kidney Bean	L	0.07 ng/ml	0.00 - 18.47 ng/ml	
Lima Bean	L	2.66 ng/ml	0.00 - 4.82 ng/ml	YES
Navy Bean	L	0.27 ng/ml	0.00 - 14.29 ng/ml	
Peanut	L	1.46 ng/ml	0.00 - 8.08 ng/ml	
Soybean	MODERATE	17.64 ng/ml	0.00 - 23.3 ng/ml	
String Bean	MODERATE	1.26 ng/ml	0.00 - 7.58 ng/ml	YES
<b>FUNGI</b>				
Aspergillus Mix	L	1.66 ng/ml	0.00 - 9.65 ng/ml	
Brewer's Yeast		0.00 ng/ml	0.00 - 2.02 ng/ml	
Candida	MODERATE	6.86 ng/ml	0.00 - 8.08 ng/ml	YES
Mushroom		0.00 ng/ml	0.00 - 2 ng/ml	
<b>FISH</b>				
Codfish	MODERATE	4.06 ng/ml	0.00 - 4.46 ng/ml	YES
Flounder		0.00 ng/ml	0.00 - 1.97 ng/ml	
Halibut		0.00 ng/ml	0.00 - 2 ng/ml	
Salmon		0.00 ng/ml	0.00 - 2 ng/ml	
Tuna	MODERATE	8.45 ng/ml	0.00 - 10.59 ng/ml	YES
<b>SHELLFISH</b>				
Clam	MODERATE	8.85 ng/ml	0.00 - 10.03 ng/ml	
Crab		0.00 ng/ml	0.00 - 2 ng/ml	
Lobster		0.00 ng/ml	0.00 - 2.2 ng/ml	

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SAMPLE PATIENT

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## 588E - Dietary Antigen Testing | 3/4

## Patient Results

ANTIGEN	RESULT	IgE	REF. RANGE
Scallops		0.00 ng/ml	0.00 - 2 ng/ml
Shrimp	HIGH	2.52 ng/ml	0.00 - 2 ng/ml
<b>HERBS, SPICES, SEASONINGS</b>			
Black Pepper		0.00 ng/ml	0.00 - 4.79 ng/ml
Cinnamon		0.00 ng/ml	0.00 - 2 ng/ml
Garlic	L	0.03 ng/ml	0.00 - 2 ng/ml
Ginger	MODERATE	3.20 ng/ml	0.00 - 5.09 ng/ml
Hops		0.00 ng/ml	0.00 - 4.74 ng/ml
Mustard	L	0.33 ng/ml	0.00 - 2 ng/ml
Vanilla	L	1.22 ng/ml	0.00 - 4.62 ng/ml
<b>GRAINS, GRASSES</b>			
Barley	L	1.06 ng/ml	0.00 - 7.13 ng/ml
Corn		0.86 ng/ml	0.00 - 2.96 ng/ml
Gluten	HIGH	54.92 ng/ml	0.00 - 52.09 ng/ml
Oat		0.00 ng/ml	0.00 - 2 ng/ml
Rice		0.00 ng/ml	0.00 - 3.14 ng/ml
Rye	L	0.76 ng/ml	0.00 - 3.01 ng/ml
Whole Wheat	L	0.57 ng/ml	0.00 - 3.4 ng/ml
<b>SEEDS, NUTS</b>			
Almond	L	3.88 ng/ml	0.00 - 7.77 ng/ml
Cacao		0.00 ng/ml	0.00 - 2.65 ng/ml
Cashew		0.00 ng/ml	0.00 - 10.03 ng/ml
Coffee	L	0.16 ng/ml	0.00 - 2.18 ng/ml
Cottonseed		0.00 ng/ml	0.00 - 2 ng/ml
English Walnut		0.00 ng/ml	0.00 - 2 ng/ml
Flax Seed	L	0.37 ng/ml	0.00 - 2.06 ng/ml
Pecan		0.00 ng/ml	0.00 - 2 ng/ml
Sesame	L	2.71 ng/ml	0.00 - 2 ng/ml
<b>FRUITS</b>			
Apple		0.00 ng/ml	0.00 - 6.58 ng/ml
Avocado	L	1.15 ng/ml	0.00 - 8.98 ng/ml
Banana		0.00 ng/ml	0.00 - 6.57 ng/ml
Blueberry		0.00 ng/ml	0.00 - 4.34 ng/ml
Cantaloupe	L	1.84 ng/ml	0.00 - 5.87 ng/ml
Cherry		0.00 ng/ml	0.00 - 2 ng/ml
Coconut	MODERATE	5.54 ng/ml	0.00 - 7.92 ng/ml
Cucumber	L	0.08 ng/ml	0.00 - 2 ng/ml
Grapefruit		0.00 ng/ml	0.00 - 2 ng/ml
Grapes		0.00 ng/ml	0.00 - 2 ng/ml
Green Olive	HIGH	3.63 ng/ml	0.00 - 2.59 ng/ml
Green Pepper		0.00 ng/ml	0.00 - 2 ng/ml
Honeydew		0.00 ng/ml	0.00 - 2 ng/ml
Lemon		0.00 ng/ml	0.00 - 2 ng/ml
Orange	HIGH	6.92 ng/ml	0.00 - 5.14 ng/ml
Peach		0.00 ng/ml	0.00 - 2 ng/ml
Pear		0.00 ng/ml	0.00 - 2 ng/ml
Pineapple		0.00 ng/ml	0.00 - 2 ng/ml
Plum	L	0.16 ng/ml	0.00 - 2.64 ng/ml
Strawberry		0.00 ng/ml	0.00 - 2 ng/ml
Tomato	L	0.47 ng/ml	0.00 - 2 ng/ml
Watermelon	L	0.81 ng/ml	0.00 - 4.02 ng/ml
Yellow Squash	MODERATE	8.87 ng/ml	0.00 - 11.21 ng/ml

ANTIGEN	RESULT	IgG4	REF. RANGE	BLOCKING POTENTIAL
Scallops		0.00 ng/ml	0.00 - 2 ng/ml	
Shrimp		0.00 ng/ml	0.00 - 2 ng/ml	
<b>HERBS, SPICES, SEASONINGS</b>				
Black Pepper		0.00 ng/ml	0.00 - 3.66 ng/ml	
Cinnamon		0.00 ng/ml	0.00 - 2 ng/ml	
Garlic		0.00 ng/ml	0.00 - 2 ng/ml	
Ginger	MODERATE	3.86 ng/ml	0.00 - 6.34 ng/ml	YES
Hops	L	1.66 ng/ml	0.00 - 4.56 ng/ml	
Mustard		0.00 ng/ml	0.00 - 2 ng/ml	
Vanilla		0.00 ng/ml	0.00 - 3.87 ng/ml	
<b>GRAINS, GRASSES</b>				
Barley	HIGH	12.25 ng/ml	0.00 - 8.33 ng/ml	YES
Corn		0.00 ng/ml	0.00 - 2.77 ng/ml	
Gluten	MODERATE	19.24 ng/ml	0.00 - 43.1 ng/ml	
Oat		0.00 ng/ml	0.00 - 2 ng/ml	
Rice		0.00 ng/ml	0.00 - 3.44 ng/ml	
Rye	L	0.87 ng/ml	0.00 - 3.76 ng/ml	YES
Whole Wheat	L	0.47 ng/ml	0.00 - 11.38 ng/ml	
<b>SEEDS, NUTS</b>				
Almond	L	3.06 ng/ml	0.00 - 22.72 ng/ml	
Cacao		0.00 ng/ml	0.00 - 2 ng/ml	
Cashew	MODERATE	10.85 ng/ml	0.00 - 16.53 ng/ml	
Coffee		0.00 ng/ml	0.00 - 2.22 ng/ml	
Cottonseed		0.00 ng/ml	0.00 - 2 ng/ml	
English Walnut	L	0.27 ng/ml	0.00 - 2 ng/ml	
Flax Seed		0.00 ng/ml	0.00 - 2.75 ng/ml	
Pecan		0.00 ng/ml	0.00 - 2 ng/ml	
Sesame		0.00 ng/ml	0.00 - 2 ng/ml	
<b>FRUITS</b>				
Apple	L	0.87 ng/ml	0.00 - 7.5 ng/ml	
Avocado	L	3.46 ng/ml	0.00 - 8.95 ng/ml	YES
Banana	L	2.46 ng/ml	0.00 - 8.09 ng/ml	
Blueberry		0.00 ng/ml	0.00 - 4.38 ng/ml	
Cantaloupe	MODERATE	2.86 ng/ml	0.00 - 5.79 ng/ml	YES
Cherry		0.00 ng/ml	0.00 - 2 ng/ml	
Coconut	MODERATE	5.26 ng/ml	0.00 - 6.19 ng/ml	
Cucumber		0.00 ng/ml	0.00 - 2 ng/ml	
Grapefruit		0.00 ng/ml	0.00 - 2 ng/ml	
Grapes		0.00 ng/ml	0.00 - 2 ng/ml	
Green Olive	L	0.67 ng/ml	0.00 - 3.23 ng/ml	
Green Pepper		0.00 ng/ml	0.00 - 2 ng/ml	
Honeydew		0.00 ng/ml	0.00 - 2 ng/ml	
Lemon		0.00 ng/ml	0.00 - 2 ng/ml	
Orange		0.00 ng/ml	0.00 - 4.8 ng/ml	
Peach	L	0.67 ng/ml	0.00 - 1.16 ng/ml	
Pear		0.00 ng/ml	0.00 - 2 ng/ml	
Pineapple		0.00 ng/ml	0.00 - 3.99 ng/ml	
Plum		0.00 ng/ml	0.00 - 3.03 ng/ml	
Strawberry		0.00 ng/ml	0.00 - 2 ng/ml	
Tomato		0.00 ng/ml	0.00 - 2 ng/ml	
Watermelon		0.00 ng/ml	0.00 - 4.31 ng/ml	
Yellow Squash	L	5.46 ng/ml	0.00 - 10.08 ng/ml	

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 Results are not intended to be used as the sole means for clinical diagnosis. Clinical correlation is required.

PATIENT NAME:

SAMPLE PATIENT

REQUISITION ID:

R01014

REPORT DATE:

3/2/2018

## 588E - Dietary Antigen Testing | 4/4

## Patient Results

ANTIGEN	RESULT	IgE	REF. RANGE
<b>VEGETABLES</b>			
Asparagus		0.00 ng/ml	0.00 - 6.68 ng/ml
Broccoli		0.00 ng/ml	0.00 - 5.91 ng/ml
Cabbage		0.00 ng/ml	0.00 - 3.22 ng/ml
Carrot	L	0.56 ng/ml	0.00 - 5.45 ng/ml
Cauliflower	MODERATE	1.67 ng/ml	0.00 - 2.89 ng/ml
Celery		0.00 ng/ml	0.00 - 2.42 ng/ml
Lettuce	MODERATE	2.21 ng/ml	0.00 - 3.78 ng/ml
Onion		0.00 ng/ml	0.00 - 2 ng/ml
Spinach	MODERATE	4.48 ng/ml	0.00 - 5.63 ng/ml
Sweet Potato		0.00 ng/ml	0.00 - 1.38 ng/ml
Tea		0.00 ng/ml	0.00 - 2 ng/ml
White Potato		0.00 ng/ml	0.00 - 2.5 ng/ml

ANTIGEN	RESULT	IgG4	REF. RANGE	BLOCKING POTENTIAL
<b>VEGETABLES</b>				
Asparagus		0.00 ng/ml	0.00 - 7.56 ng/ml	
Broccoli	HIGH	10.05 ng/ml	0.00 - 6.2 ng/ml	
Cabbage		0.00 ng/ml	0.00 - 2.59 ng/ml	
Carrot		0.00 ng/ml	0.00 - 4.73 ng/ml	
Cauliflower	L	0.87 ng/ml	0.00 - 3.03 ng/ml	
Celery		0.00 ng/ml	0.00 - 2.98 ng/ml	
Lettuce		0.00 ng/ml	0.00 - 3.55 ng/ml	
Onion		0.00 ng/ml	0.00 - 2 ng/ml	
Spinach	L	0.27 ng/ml	0.00 - 5.41 ng/ml	
Sweet Potato		0.00 ng/ml	0.00 - 2 ng/ml	
Tea		0.00 ng/ml	0.00 - 2 ng/ml	
White Potato	L	0.27 ng/ml	0.00 - 2.64 ng/ml	

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### PATIENT INFO

NAME: **SAMPLE PATIENT**  
REQUISITION ID: R01014  
SAMPLE ID: 13131  
DOB: 1/1/2001  
SAMPLE DATE: 2/25/2018  
RECEIVE DATE: 2/26/2018  
REPORT DATE: 3/2/2018

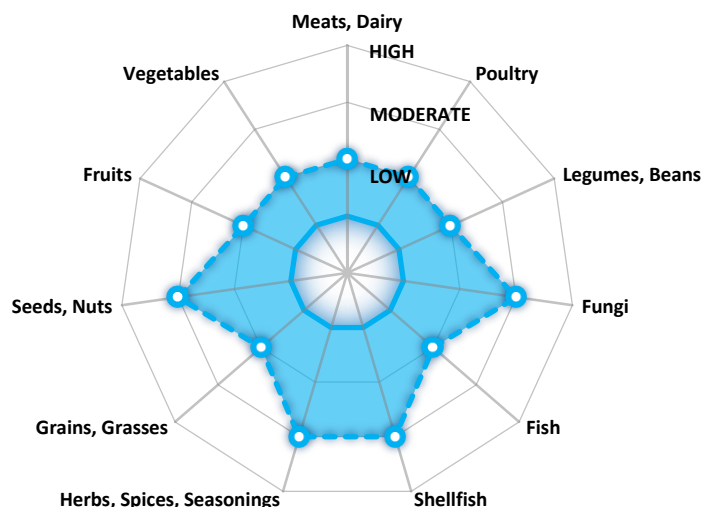
### CLINIC INFO

**DUNWOODY LABS**  
ADDRESS: 9 DUNWOODY PARK  
SUITE 121  
DUNWOODY, GA 30338  
PHONE: 678-736-6374  
FAX: 770-674-1701

## 588G - Dietary Antigen Testing | 1/4

### Dietary Antigen Exposure by Food Group

	IgG
Meats, Dairy	LOW
Poultry	LOW
Legumes, Beans	LOW
Fungi	MODERATE
Fish	LOW
Shellfish	MODERATE
Herbs, Spices, Seasonings	MODERATE
Grains, Grasses	LOW
Seeds, Nuts	MODERATE
Fruits	LOW
Vegetables	LOW



### Dietary Antigen Exposure by Food Group

In this test, a human serum sample is probed for the presence of IgG antibodies which have an exact affinity for specific dietary allergens. Dietary allergens are clustered by the food groups shown in the table and graph above. The quantitative summation of the IgG results within the offending food groups are expressed graphically. The exclusion of the offending food group(s) from the diet has been shown to reduce the severity of symptoms associated with food allergies.

## 588G - Dietary Antigen Testing | 2/4

## Understanding the Key

It is important to understand how reactive your patient is to a given food. If the patient had a high reaction, they are considered in the top 2.5% in terms of reactions; moderate reactions represent the next 2.5%. This means that moderate or severe reactions represent the top 5% of reactivity. A low reaction represents a broader population of reactivity at 20%. Therefore low, moderate, and high reactions combined represent 25% of the most reactive patients.

### IgG

The IgG antibody response creates sensitivity to a particular food. Symptoms may be less severe than with IgE allergic reaction and can manifest anywhere from 3-72 hours after exposure. IgG reactions create inflammation that makes many pathologies worse. The delayed response makes sensitivities difficult to identify without a diagnostic test. Sensitivities can improve with treatment and improved gut health.

### C3d

C3d is a complement antigen and an activator of our complement cascade system. Reaction to the specified food will worsen if C3d activation is present along with an IgG antibody response. The C3 protein attaches to the antigen and amplifies the IgG response, increasing the inflammatory potential of IgG titer. Complement is not dependent on exposure or antibody presence, and represents

## Patient Results

ANTIGEN	RESULT	IgG	REF. RANGE
<b>MEATS, DAIRY</b>			
Beef		0.00 ng/ml	0.00 - 97.5 ng/ml
Casein	L	442.23 ng/ml	0.00 - 1771.02 ng/ml
Cow's Milk	L	1230.59 ng/ml	0.00 - 2239.16 ng/ml
Goat's Milk	L	974.91 ng/ml	0.00 - 2064.18 ng/ml
Pork	L	1.89 ng/ml	0.00 - 130.74 ng/ml
<b>POULTRY</b>			
Chicken		0.00 ng/ml	0.00 - 81 ng/ml
Egg Albumin	L	723.48 ng/ml	0.00 - 1550.51 ng/ml
Egg Yolk	MODERATE	803.03 ng/ml	0.00 - 820.71 ng/ml
Turkey	L	45.93 ng/ml	0.00 - 99.15 ng/ml
<b>LEGUMES, BEANS</b>			
Green Pea		0.00 ng/ml	0.00 - 151.58 ng/ml
Kidney Bean	L	80.02 ng/ml	0.00 - 660.95 ng/ml
Lima Bean		0.00 ng/ml	0.00 - 220.72 ng/ml
Navy Bean	L	50.19 ng/ml	0.00 - 473.24 ng/ml
Peanut		0.00 ng/ml	0.00 - 293.37 ng/ml
Soybean	L	94.22 ng/ml	0.00 - 299.22 ng/ml
String Bean	L	33.14 ng/ml	0.00 - 373.81 ng/ml
<b>FUNGI</b>			
Aspergillus Mix	L	2450.76 ng/ml	0.00 - 3464.94 ng/ml
Brewer's Yeast	MODERATE	1462.12 ng/ml	0.00 - 1481.7 ng/ml
Candida	L	645.36 ng/ml	0.00 - 1687.95 ng/ml
Mushroom	HIGH	146.78 ng/ml	0.00 - 104.78 ng/ml
<b>FISH</b>			
Codfish	L	26.04 ng/ml	0.00 - 147.27 ng/ml
Flounder		0.00 ng/ml	0.00 - 46.24 ng/ml
Halibut		0.00 ng/ml	0.00 - 44.26 ng/ml
Salmon		0.00 ng/ml	0.00 - 32.79 ng/ml
Tuna	L	33.14 ng/ml	0.00 - 218.78 ng/ml
<b>SHELLFISH</b>			
Clam	HIGH	1602.75 ng/ml	0.00 - 458.98 ng/ml
Crab	L	54.45 ng/ml	0.00 - 203.61 ng/ml
Lobster	L	84.28 ng/ml	0.00 - 246.18 ng/ml

ANTIGEN	RESULT	C3D	CUTOFF
<b>MEATS, DAIRY</b>			
Beef	YES	567.38 ng/ml	228 ng/ml
Casein	YES	36493.13 ng/ml	1479 ng/ml
Cow's Milk	YES	38358.23 ng/ml	3693 ng/ml
Goat's Milk	YES	34736.68 ng/ml	4019 ng/ml
Pork		1201.15 ng/ml	4303 ng/ml
<b>POULTRY</b>			
Chicken		0.00 ng/ml	108 ng/ml
Egg Albumin		0.00 ng/ml	151 ng/ml
Egg Yolk		0.00 ng/ml	1095 ng/ml
Turkey		0.00 ng/ml	173 ng/ml
<b>LEGUMES, BEANS</b>			
Green Pea		0.00 ng/ml	177 ng/ml
Kidney Bean		0.00 ng/ml	793 ng/ml
Lima Bean		0.00 ng/ml	7181.1 ng/ml
Navy Bean		0.00 ng/ml	697.8 ng/ml
Peanut		0.00 ng/ml	113 ng/ml
Soybean		567.38 ng/ml	1925 ng/ml
String Bean		0.00 ng/ml	7047.1 ng/ml
<b>FUNGI</b>			
Aspergillus Mix	YES	784.67 ng/ml	46 ng/ml
Brewer's Yeast		0.00 ng/ml	128 ng/ml
Candida		0.00 ng/ml	429 ng/ml
Mushroom		0.00 ng/ml	1152 ng/ml
<b>FISH</b>			
Codfish		0.00 ng/ml	320 ng/ml
Flounder		0.00 ng/ml	216 ng/ml
Halibut		0.00 ng/ml	109 ng/ml
Salmon		0.00 ng/ml	73 ng/ml
Tuna		0.00 ng/ml	196 ng/ml
<b>SHELLFISH</b>			
Clam		458.73 ng/ml	1212 ng/ml
Crab		0.00 ng/ml	238 ng/ml
Lobster		0.00 ng/ml	203 ng/ml

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PATIENT NAME:

SAMPLE PATIENT

REQUISITION ID:

R01014

REPORT DATE:

3/2/2018

## 588G - Dietary Antigen Testing | 3/4

## Patient Results

ANTIGEN	RESULT	IgG	REF. RANGE
Scallops	MODERATE	10.42 ng/ml	0.00 - 73.56 ng/ml
Shrimp	L	57.29 ng/ml	0.00 - 149.69 ng/ml
<b>HERBS, SPICES, SEASONINGS</b>			
Black Pepper	MODERATE	1152.46 ng/ml	0.00 - 1181.2 ng/ml
Cinnamon	HIGH	2075.76 ng/ml	0.00 - 1542.14 ng/ml
Garlic		0.00 ng/ml	0.00 - 218.57 ng/ml
Ginger	HIGH	1180.87 ng/ml	0.00 - 743.02 ng/ml
Hops	L	139.68 ng/ml	0.00 - 311.84 ng/ml
Mustard	L	7.58 ng/ml	0.00 - 251.54 ng/ml
Vanilla	L	142.52 ng/ml	0.00 - 623.81 ng/ml
<b>GRAINS, GRASSES</b>			
Barley		0.00 ng/ml	0.00 - 141.37 ng/ml
Corn		0.00 ng/ml	0.00 - 182.92 ng/ml
Gluten	L	312.97 ng/ml	0.00 - 1335.52 ng/ml
Oat	MODERATE	135.42 ng/ml	0.00 - 240.92 ng/ml
Rice	L	61.55 ng/ml	0.00 - 135.63 ng/ml
Rye	MODERATE	459.28 ng/ml	0.00 - 472.68 ng/ml
Whole Wheat	L	23.20 ng/ml	0.00 - 475.59 ng/ml
<b>SEEDS, NUTS</b>			
Almond	L	35.98 ng/ml	0.00 - 798.69 ng/ml
Cacao	MODERATE	172.35 ng/ml	0.00 - 249.27 ng/ml
Cashew	MODERATE	187.97 ng/ml	0.00 - 390.28 ng/ml
Coffee	L	129.73 ng/ml	0.00 - 327.38 ng/ml
Cottonseed	MODERATE	109.85 ng/ml	0.00 - 191.65 ng/ml
English Walnut	MODERATE	89.96 ng/ml	0.00 - 127.37 ng/ml
Flax Seed	MODERATE	152.46 ng/ml	0.00 - 313.19 ng/ml
Pecan	MODERATE	9.00 ng/ml	0.00 - 86.88 ng/ml
Sesame	L	38.83 ng/ml	0.00 - 740.58 ng/ml
<b>FRUITS</b>			
Apple	L	13.26 ng/ml	0.00 - 70.75 ng/ml
Avocado		0.00 ng/ml	0.00 - 109.67 ng/ml
Banana	L	11.84 ng/ml	0.00 - 125.6 ng/ml
Blueberry	HIGH	284.56 ng/ml	0.00 - 255.85 ng/ml
Cantaloupe	MODERATE	98.48 ng/ml	0.00 - 169.24 ng/ml
Cherry		0.00 ng/ml	0.00 - 63.83 ng/ml
Coconut	L	70.08 ng/ml	0.00 - 234.08 ng/ml
Cucumber		0.00 ng/ml	0.00 - 67.55 ng/ml
Grapefruit		0.00 ng/ml	0.00 - 44.26 ng/ml
Grapes		0.00 ng/ml	0.00 - 49.65 ng/ml
Green Olive		0.00 ng/ml	0.00 - 115.5 ng/ml
Green Pepper		0.00 ng/ml	0.00 - 61.25 ng/ml
Honeydew	L	1.89 ng/ml	0.00 - 79.51 ng/ml
Lemon		0.00 ng/ml	0.00 - 79.13 ng/ml
Orange	L	1.89 ng/ml	0.00 - 143.18 ng/ml
Peach		0.00 ng/ml	0.00 - 101.47 ng/ml
Pear	HIGH	88.54 ng/ml	0.00 - 67.84 ng/ml
Pineapple	L	47.35 ng/ml	0.00 - 341.38 ng/ml
Plum	L	21.78 ng/ml	0.00 - 43.74 ng/ml
Strawberry	MODERATE	34.56 ng/ml	0.00 - 59.62 ng/ml
Tomato	L	16.10 ng/ml	0.00 - 48.38 ng/ml
Watermelon	L	14.68 ng/ml	0.00 - 50.33 ng/ml
Yellow Squash	L	70.08 ng/ml	0.00 - 298.3 ng/ml

ANTIGEN	RESULT	COMPLEMENT	CUTOFF
Scallops		0.00 ng/ml	1683.3 ng/ml
Shrimp		0.00 ng/ml	220 ng/ml
<b>HERBS, SPICES, SEASONINGS</b>			
Black Pepper		0.00 ng/ml	534 ng/ml
Cinnamon		0.00 ng/ml	942 ng/ml
Garlic		0.00 ng/ml	379 ng/ml
Ginger		404.41 ng/ml	1813.1 ng/ml
Hops		0.00 ng/ml	1980.4 ng/ml
Mustard		0.00 ng/ml	152 ng/ml
Vanilla		0.00 ng/ml	128 ng/ml
<b>GRAINS, GRASSES</b>			
Barley		0.00 ng/ml	831 ng/ml
Corn		0.00 ng/ml	295 ng/ml
Gluten		0.00 ng/ml	381 ng/ml
Oat		0.00 ng/ml	75 ng/ml
Rice		0.00 ng/ml	152 ng/ml
Rye		0.00 ng/ml	128 ng/ml
Whole Wheat		0.00 ng/ml	706 ng/ml
<b>SEEDS, NUTS</b>			
Almond	YES	857.10 ng/ml	785 ng/ml
Cacao		0.00 ng/ml	437 ng/ml
Cashew		0.00 ng/ml	1330.8 ng/ml
Coffee		0.00 ng/ml	448 ng/ml
Cottonseed		0.00 ng/ml	94 ng/ml
English Walnut		0.00 ng/ml	5175 ng/ml
Flax Seed		0.00 ng/ml	1759.5 ng/ml
Pecan		0.00 ng/ml	192 ng/ml
Sesame		0.00 ng/ml	245 ng/ml
<b>FRUITS</b>			
Apple	YES	549.27 ng/ml	457 ng/ml
Avocado	YES	802.78 ng/ml	800 ng/ml
Banana		0.00 ng/ml	529 ng/ml
Blueberry		0.00 ng/ml	7394.5 ng/ml
Cantaloupe	YES	476.84 ng/ml	453 ng/ml
Cherry		0.00 ng/ml	35 ng/ml
Coconut	YES	513.05 ng/ml	216 ng/ml
Cucumber		0.00 ng/ml	115 ng/ml
Grapefruit		0.00 ng/ml	86 ng/ml
Grapes		0.00 ng/ml	155 ng/ml
Green Olive		0.00 ng/ml	218 ng/ml
Green Pepper		0.00 ng/ml	202 ng/ml
Honeydew		0.00 ng/ml	75 ng/ml
Lemon		0.00 ng/ml	216 ng/ml
Orange		0.00 ng/ml	164 ng/ml
Peach		0.00 ng/ml	105 ng/ml
Pear		0.00 ng/ml	59 ng/ml
Pineapple		0.00 ng/ml	238 ng/ml
Plum		0.00 ng/ml	255 ng/ml
Strawberry		0.00 ng/ml	79 ng/ml
Tomato		0.00 ng/ml	170 ng/ml
Watermelon		0.00 ng/ml	289 ng/ml
Yellow Squash		404.41 ng/ml	1083.9 ng/ml

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PATIENT NAME:

SAMPLE PATIENT

REQUISITION ID:

R01014

REPORT DATE:

3/2/2018

## 588G - Dietary Antigen Testing | 4/4

## Patient Results

ANTIGEN	RESULT	IgG	REF. RANGE
<b>VEGETABLES</b>			
Asparagus	L	26.04 ng/ml	0.00 - 375.11 ng/ml
Broccoli	<b>MODERATE</b>	835.70 ng/ml	0.00 - 1556.65 ng/ml
Cabbage	L	13.26 ng/ml	0.00 - 80.85 ng/ml
Carrot	L	87.12 ng/ml	0.00 - 167.16 ng/ml
Cauliflower	L	6.16 ng/ml	0.00 - 222.2 ng/ml
Celery	L	37.41 ng/ml	0.00 - 125.69 ng/ml
Lettuce	L	9.00 ng/ml	0.00 - 81.76 ng/ml
Onion	<b>MODERATE</b>	18.94 ng/ml	0.00 - 50.8 ng/ml
Spinach	L	23.20 ng/ml	0.00 - 187.29 ng/ml
Sweet Potato		0.00 ng/ml	0.00 - 83.98 ng/ml
Tea	<b>MODERATE</b>	499.05 ng/ml	0.00 - 591.05 ng/ml
White Potato	<b>HIGH</b>	143.94 ng/ml	0.00 - 68.19 ng/ml

ANTIGEN	RESULT	COMPLEMENT	CUTOFF
<b>VEGETABLES</b>			
Asparagus	<b>YES</b>	567.38 ng/ml	448 ng/ml
Broccoli		0.00 ng/ml	473 ng/ml
Cabbage		0.00 ng/ml	493 ng/ml
Carrot		0.00 ng/ml	383 ng/ml
Cauliflower		0.00 ng/ml	3128.4 ng/ml
Celery		0.00 ng/ml	320 ng/ml
Lettuce		0.00 ng/ml	484 ng/ml
Onion		0.00 ng/ml	155 ng/ml
Spinach		0.00 ng/ml	705 ng/ml
Sweet Potato		0.00 ng/ml	462 ng/ml
Tea		0.00 ng/ml	116 ng/ml
White Potato		0.00 ng/ml	834 ng/ml

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