

588-CompleteDietary Antigen Testing

9 Dunwoody Park, Suite 121 Dunwoody, GA 30338 P: 678-736-6374 F: 770-674-1701

Email: info@dunwoodylabs.com www.dunwoodylabs.com

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

PATIENT INFO

NAME: SAMPLE PATIENT

REQUISITION ID: R01011 SAMPLE ID: 14141 DOB: 1/1/2001

SAMPLE DATE: 3/2/2018 RECEIVE DATE: 3/6/2018 REPORT DATE: 3/14/2018

CLINIC INFO

DUNWOODY LABS

ADDRESS: 9 DUNWOODY PARK

SUITE 121

DUNWOODY, GA 30338

PHONE: 678-736-6374 FAX: 770-674-1701

SUMMARY | 1/2

	588E - A	LLERGI	IES	588G - SENSITIVITIES								
DIETARY ANTIGEN	IgE	lgE		lgG4	lgG	i4	BLOCKING POTENTIAL	IgG	lg(î	C3d	REASON FOR EXCLUSION
Almond	L	3.28 1	ng/ml		0.64	ng/ml			22.54	ng/ml		
Apple		0.00	ng/ml	MODERATE	4.02	ng/ml			0.00	ng/ml		Sensitivity
Asparagus	L	2.41	ng/ml		0.64	ng/ml			48.12	ng/ml		
Aspergillus Mix		0.00			0.00	ng/ml			1729.41	ng/ml		
Avocado	MODERATE	5.47 1	ng/ml		0.93	ng/ml			0.00	ng/ml		Allergy
Banana	L	1.81	ng/ml		0.20	ng/ml		MODERATE	117.57	ng/ml		Sensitivity
Barley	HIGH	16.83	ng/ml	MODERATE	4.02	ng/ml			9.75	ng/ml		Allergy & Sensitivity
Beef	MODERATE	4.54			0.64	ng/ml			0.00			Allergy
Black Pepper		0.00		HIGH	4.17	ng/ml		MODERATE	1164.72	ng/ml	YES	Sensitivity
Blueberry		0.00	ng/ml		0.00	ng/ml		L	106.60	ng/ml		
Brewer's Yeast		0.00	ng/ml		0.00	ng/ml			71.88	ng/ml		
Broccoli	L	0.85	ng/ml		0.00	ng/ml			298.49	ng/ml		
Cabbage	MODERATE	1.55 ι	ng/ml		0.00	ng/ml			0.00	ng/ml		Allergy
Cacao	L	0.49 1	ng/ml	L	0.64	ng/ml	YES	MODERATE	130.36	ng/ml		Sensitivity
Candida	MODERATE	5.37 ι	ng/ml		0.00	ng/ml			121.22	ng/ml		Allergy
Cantaloupe	L	3.34 ι	ng/ml		0.00	ng/ml		MODERATE	90.16	ng/ml		Sensitivity
Carrot		0.00	ng/ml		0.00	ng/ml			44.47	ng/ml		
Casein		0.84 1	ng/ml		0.00	ng/ml			106.60	ng/ml		
Cashew		2.24			0.00				0.00	ng/ml		
Cauliflower		0.12 1		L	0.34	ng/ml	YES	MODERATE	155.95			Sensitivity
Celery		0.00	ng/ml		0.00	ng/ml			20.71	ng/ml		
Cherry		0.00			0.20	ng/ml			0.00	ng/ml		
Chicken	L	0.55 1			0.00	ng/ml			0.00	ng/ml		
Cinnamon		0.00	ng/ml		0.00	ng/ml		HIGH	2261.21	ng/ml		Sensitivity
Clam	L	18.37 ı	ng/ml		2.85	ng/ml		L	207.12	ng/ml		
Coconut		0.82			0.00	O,		L	93.81	Ů,		
Codfish	MODERATE	2.55 ו			0.00	ng/ml		L	75.54	ng/ml		Allergy
Coffee		0.00	ng/ml		0.00	ng/ml		MODERATE	243.66	ng/ml		Sensitivity
Corn	MODERATE	2.01	0.	L	0.34	ng/ml			18.88	Ů,		Allergy
Cottonseed		1 00.0			0.00	ng/ml				ng/ml		
Cow's Milk		0.00			1.08	ng/ml			102.95		YES	Sensitivity
Crab		0.00	ng/ml		0.00	ng/ml			0.00	ng/ml		
Cucumber		1 00.0	0.		0.00	ng/ml		MODERATE	15.23	Ů,		Sensitivity
Egg Albumin		3.74 ι			0.00	ng/ml			0.00	ng/ml		
Egg Yolk	MODERATE	6.55 1	ng/ml		0.00	ng/ml			126.71	ng/ml		Allergy
English Walnut		0.00			0.00	ng/ml			0.00	ng/ml		
Flax Seed	L	0.35 ı		MODERATE	1.08	ng/ml	YES	L	73.71	Ů,		Sensitivity
Flounder		1 00.0	ng/ml	_	0.00	ng/ml			0.00	ng/ml		

SUMMARY | 2/2

	588E - A	LLERGI	ES	588G - SENSITIVITIES								
							BLOCKING					REASON FOR
DIETARY ANTIGEN	IgE	lg	E	IgG4	IgG	i4	POTENTIAL	IgG	lg(G .	C3d	EXCLUSION
Garlic		0.00	ng/ml		0.00	ng/ml			0.00	ng/ml		
Ginger	MODERATE		ng/ml			ng/ml		HIGH	799.22	U,		Allergy & Sensitivity
Gluten		31.06	ng/ml		2.70	ng/ml			51.78	ng/ml		
Goat's Milk	MODERATE	7.28	0.		0.00	Ů,			86.50	Ů,		Allergy
Grapefruit		0.00	O,			ng/ml			0.00	Ů,		
Grapes		0.00				ng/ml			0.00	U,		
Green Olive		0.00	ng/ml		0.00	ng/ml			9.75	Ů,		
Green Pea	HIGH	5.87	ng/ml		0.00	Ů,			0.00	Ů,		Allergy
Green Pepper		0.00	O,		0.00	ng/ml			0.00	Ů,		
Halibut		0.00	ng/ml	L	0.34	ng/ml			0.00	ng/ml		
Honeydew		0.00	ng/ml		0.00	Ů,			0.00	Ů,		
Hops	HIGH	5.00	ng/ml		0.00	ng/ml			44.47	Ů,		Allergy
Kidney Bean		0.92	ng/ml	MODERATE	2.55	ng/ml	YES	MODERATE	349.66	0.		Sensitivity
Lemon		0.00	ng/ml		0.05	ng/ml			0.00	ng/ml		
Lettuce		0.00	ng/ml		0.00	ng/ml			0.00	ng/ml		
Lima Bean		0.25	ng/ml	L	0.79	ng/ml	YES		0.00	ng/ml		
Lobster	HIGH	3.88	ng/ml		0.00	ng/ml			4.26	ng/ml		Allergy
Mushroom		0.00	ng/ml		0.00	ng/ml			6.09	ng/ml		
Mustard		0.00	ng/ml	MODERATE	1.23	ng/ml			0.00	ng/ml		Sensitivity
Navy Bean	MODERATE	3.64	ng/ml	MODERATE	2.85	ng/ml		L	207.12	ng/ml		Allergy & Sensitivity
Oat		0.00	ng/ml	L,	0.79	ng/ml			0.00	ng/ml		
Onion		0.00	ng/ml		0.00	ng/ml			0.00	ng/ml		
Orange		0.22	ng/ml		0.00	ng/ml			0.00	ng/ml		
Peach		0.22	ng/ml		0.00	ng/ml		MODERATE	35.33	ng/ml		Sensitivity
Peanut	MODERATE	3.88	ng/ml		0.64	ng/ml			0.00	ng/ml		Allergy
Pear		0.00	ng/ml		0.00	ng/ml			0.00	ng/ml		
Pecan		0.00	ng/ml		0.20	ng/ml			0.00	ng/ml		
Pineapple	MODERATE	1.71	ng/ml		0.05	ng/ml		MODERATE	159.60	ng/ml		Allergy & Sensitivity
Plum		0.00	ng/ml		0.00	ng/ml		MODERATE	29.85	ng/ml		Sensitivity
Pork	MODERATE	6.53	ng/ml		0.00	ng/ml			15.23	ng/ml		Allergy
Rice	L	0.35	ng/ml		0.00	ng/ml		L	62.74	ng/ml	YES	Sensitivity
Rye	L	0.59	ng/ml		0.00	ng/ml			20.71	ng/ml		
Salmon		0.00	ng/ml		0.05	ng/ml			0.00	ng/ml		
Scallops		0.00	ng/ml		0.00	ng/ml			0.00	ng/ml		
Sesame		0.00	ng/ml		0.00	ng/ml		HIGH	797.39	ng/ml		Sensitivity
Shrimp		0.00	ng/ml		0.00	ng/ml			15.23	ng/ml		
Soybean	HIGH	32.01	ng/ml	L	11.09	ng/ml		L	196.15	ng/ml	YES	Allergy & Sensitivity
Spinach	HIGH	7.53	ng/ml		0.00	ng/ml		L	71.88	ng/ml		Allergy
Strawberry		0.00	ng/ml		0.00	ng/ml			2.44	ng/ml		
String Bean		0.00	ng/ml	MODERATE	1.67			L	141.33	ng/ml		Sensitivity
Sweet Potato		0.00	ng/ml		0.00	ng/ml		MODERATE	62.74	ng/ml	YES	Sensitivity
Tea			ng/ml			ng/ml		L		ng/ml		,
Tomato			ng/ml			ng/ml		HIGH		ng/ml		Sensitivity
Tuna	MODERATE		ng/ml			ng/ml				ng/ml	YES	Allergy & Sensitivity
Turkey	HIGH		ng/ml			ng/ml		HIGH		ng/ml		Allergy & Sensitivity
Vanilla	L		ng/ml			ng/ml		HIGH		ng/ml		Sensitivity
Watermelon	HIGH		ng/ml			ng/ml		HIGH		ng/ml		Allergy & Sensitivity
White Potato			ng/ml			ng/ml				ng/ml		G T T T T T T T T T T T T T T T T T T T
Whole Wheat	MODERATE		ng/ml	L		ng/ml		L		ng/ml		Allergy
Yellow Squash	MODERATE		ng/ml			ng/ml		MODERATE		ng/ml	YES	Allergy & Sensitivity

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.

These foods produce	a no immune reaction wit	hin your system at this time
Almond	Egg Albumin	Pork
Apple	Egg Yolk	Rice
Asparagus	English Walnut	Rye
Aspergillus Mix	Flax Seed	Salmon
Avocado	Flounder	Scallops
Banana	Garlic	Shrimp
Beef	Gluten	Strawberry
Blueberry	Goat's Milk	String Bean
Brewer's Yeast	Grapefruit	Tea
Broccoli	Grapes	Tuna
Cabbage	Green Olive	White Potato
Cacao	Green Pepper	Whole Wheat
Candida	Halibut	
Cantaloupe	Honeydew	
Carrot	Kidney Bean	
Casein	Lemon	
Cashew	Lettuce	
Cauliflower	Lima Bean	
Celery	Mushroom	
Cherry	Mustard	
Chicken	Navy Bean	
Clam	Oat	
Coconut	Onion	
Codfish	Orange	
Coffee	Peach	
Corn	Peanut	
Cottonseed	Pear	
Cow's Milk	Pecan	
Crab	Pineapple	
Cucumber	Plum	

ELIMINATE
Remove these foods entirely from your diet.
Barley
Black Pepper
Cinnamon
Ginger
Green Pea
Hops
Lobster
Sesame
Soybean
Spinach
Sweet Potato
Tomato
Turkey
Vanilla
Watermelon
Yellow Squash

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



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Dunwoodv

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REQUISITION ID: R01011 SAMPLE ID: 14141 DOB: 1/1/2001

SAMPLE DATE: 3/2/2018 RECEIVE DATE: 3/6/2018 REPORT DATE: 3/14/2018

CLINIC INFO

DUNWOODY LABS

ADDRESS: 9 DUNWOODY PARK

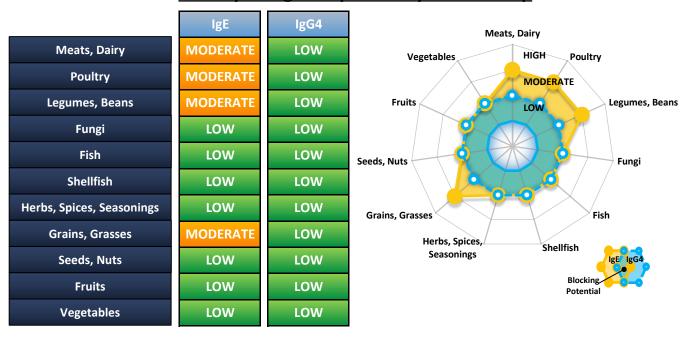
SUITE 121

DUNWOODY, GA 30338

PHONE: 678-736-6374 FAX: 770-674-1701

588E - Dietary Antigen Testing | 1/4

Dietary Antigen Exposure by Food Group



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 anaphylatic 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.

This test was developed and its performance characteristics determined by Dunwoody Labs or third-party reference affiliates. FDA clearance is not currently required for clinical use.

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

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.

lgG4

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
MEATS, DAIRY	,			
Beef	MODERATE	4.54	ng/ml	0.00 - 7.34 ng/ml
Casein		0.84	ng/ml	0.00 - 4.98 ng/ml
Cow's Milk		0.00	ng/ml	0.00 - 7.89 ng/ml
Goat's Milk	MODERATE	7.28	ng/ml	0.00 - 9.41 ng/ml
Pork	MODERATE	6.53	ng/ml	0.00 - 6.89 ng/ml
POULTRY				
Chicken	L	0.55	ng/ml	0.00 - 1.83 ng/ml
Egg Albumin		3.74	ng/ml	0.00 - 10.68 ng/ml
Egg Yolk	MODERATE	6.55	ng/ml	0.00 - 7.1 ng/ml
Turkey	HIGH	21.48	ng/ml	0.00 - 6.44 ng/ml
LEGUMES, BEA	ANS			
Green Pea	HIGH	5.87	ng/ml	0.00 - 5.52 ng/ml
Kidney Bean		0.92	ng/ml	0.00 - 5.27 ng/ml
Lima Bean		0.25	ng/ml	0.00 - 4.23 ng/ml
Navy Bean	MODERATE	3.64	ng/ml	0.00 - 5.15 ng/ml
Peanut	MODERATE	3.88	ng/ml	0.00 - 4.03 ng/ml
Soybean	HIGH	32.01	ng/ml	0.00 - 27.11 ng/ml
String Bean		0.00	ng/ml	0.00 - 3.33 ng/ml
FUNGI				
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	MODERATE	5.37	ng/ml	0.00 - 8.96 ng/ml
Mushroom		0.00	ng/ml	0.00 - 2 ng/ml
FISH				
Codfish	MODERATE	2.55	ng/ml	0.00 - 5.09 ng/ml
Flounder		0.00	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	9.52	ng/ml	0.00 - 10.37 ng/ml
SHELLFISH				
Clam	L	18.37	ng/ml	0.00 - 25.02 ng/ml
Crab		0.00	ng/ml	0.00 - 2 ng/ml
Lobster	HIGH	3.88	ng/ml	0.00 - 2.48 ng/ml

ANTIGEN		lgG4		REF. RANGE	BLOCKING POTENTIAL
MEATS, DAIR	Υ				
Beef		0.64	ng/ml	0.00 - 7.51 ng/ml	
Casein		0.00	ng/ml	0.00 - 67.86 ng/ml	
Cow's Milk		1.08	ng/ml	0.00 - 128.29 ng/ml	
Goat's Milk		0.00	ng/ml	0.00 - 66.22 ng/ml	
Pork		0.00	ng/ml	0.00 - 6.67 ng/ml	
POULTRY					
Chicken		0.00	ng/ml	0.00 - 2 ng/ml	
Egg Albumin		0.00	ng/ml	0.00 - 221.65 ng/ml	
Egg Yolk		0.00	ng/ml	0.00 - 44.64 ng/ml	
Turkey		0.20	ng/ml	0.00 - 7.52 ng/ml	
LEGUMES, BE	ANS				
Green Pea		0.00	ng/ml	0.00 - 6.15 ng/ml	
Kidney Bean	MODERATE	2.55	ng/ml	0.00 - 18.47 ng/ml	YES
Lima Bean	L	0.79	ng/ml	0.00 - 4.82 ng/ml	YES
Navy Bean	MODERATE	2.85	ng/ml	0.00 - 14.29 ng/ml	
Peanut		0.64	ng/ml	0.00 - 8.08 ng/ml	
Soybean	L	11.09	ng/ml	0.00 - 23.3 ng/ml	
String Bean	MODERATE	1.67	ng/ml	0.00 - 7.58 ng/ml	
FUNGI					
Aspergillus Mix		0.00	ng/ml	0.00 - 9.65 ng/ml	
Brewer's Yeast		0.00	ng/ml	0.00 - 2.02 ng/ml	
Candida		0.00	ng/ml	0.00 - 8.08 ng/ml	
Mushroom		0.00	ng/ml	0.00 - 2 ng/ml	
FISH					
Codfish		0.00	ng/ml	0.00 - 4.46 ng/ml	
Flounder		0.00	ng/ml	0.00 - 1.97 ng/ml	
Halibut	L	0.34	ng/ml	0.00 - 2 ng/ml	
Salmon		0.05	ng/ml	0.00 - 2 ng/ml	
Tuna		0.00	ng/ml	0.00 - 10.59 ng/ml	
SHELLFISH					
Clam		2.85	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	

REPORT DATE: **PATIENT NAME: SAMPLE PATIENT REQUISITION ID:** R01011 3/14/2018

588E - Dietary Antigen Testing | 3/4

Patient Results

ANTIGEN	RESULT	Igl		REF. RANGE
Scallops		0.00	ng/ml	0.00 - 2 ng/ml
Shrimp		0.00	ng/ml	0.00 - 2 ng/ml
HERBS, SPICES	S, SEASONIN	IGS		
Black Pepper		0.00	ng/ml	0.00 - 4.79 ng/ml
Cinnamon		0.00	ng/ml	0.00 - 2 ng/ml
Garlic		0.00	ng/ml	0.00 - 2 ng/ml
Ginger	MODERATE	4.90	ng/ml	0.00 - 5.09 ng/ml
Hops	HIGH	5.00	ng/ml	0.00 - 4.74 ng/ml
Mustard		0.00	ng/ml	0.00 - 2 ng/ml
Vanilla	L	1.58	ng/ml	0.00 - 4.62 ng/ml
GRAINS, GRAS	SSES			
Barley	HIGH	16.83	ng/ml	0.00 - 7.13 ng/ml
Corn	MODERATE	2.01	ng/ml	0.00 - 2.96 ng/ml
Gluten		31.06	ng/ml	0.00 - 52.09 ng/ml
Oat		0.00	ng/ml	0.00 - 2 ng/ml
Rice	L	0.35	ng/ml	0.00 - 3.14 ng/ml
Rye	L	0.59	ng/ml	0.00 - 3.01 ng/ml
Whole Wheat	MODERATE	1.88	ng/ml	0.00 - 3.4 ng/ml
SEEDS, NUTS			J,	· · · · · · · · · · · · · · · · ·
Almond	L	3.28	ng/ml	0.00 - 7.77 ng/ml
Cacao	- L	0.49	ng/ml	0.00 - 2.65 ng/ml
Cashew		2.24	ng/ml	0.00 - 10.03 ng/ml
Coffee		0.00	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	0.35	ng/ml	0.00 - 2.06 ng/ml
Pecan		0.00	ng/ml	0.00 - 2 ng/ml
Sesame		0.00	ng/ml	0.00 - 2 ng/ml
FRUITS		0.00	116/1111	0.00 Z Hg/IIII
Apple		0.00	ng/ml	0.00 - 6.58 ng/ml
Avocado	MODERATE	5.47	ng/ml	0.00 - 8.98 ng/ml
Banana	L	1.81	ng/ml	0.00 - 6.57 ng/ml
Blueberry		0.00	ng/ml	0.00 - 4.34 ng/ml
Cantaloupe	L	3.34	ng/ml	0.00 - 4.34 ng/ml
Cherry		0.00	ng/ml	0.00 - 3.87 fig/fili
Coconut		0.82	ng/ml	0.00 - 7.92 ng/ml
Cucumber		0.00	ng/ml	0.00 - 7.32 fig/fili
Grapefruit				_
•		0.00	ng/ml	0.00 - 2 ng/ml
Grapes		0.00	ng/ml	0.00 - 2 ng/ml 0.00 - 2.59 ng/ml
Green Olive		0.00	ng/ml	-
Green Pepper			ng/ml	0.00 - 2 ng/ml
Honeydew		0.00	ng/ml	0.00 - 2 ng/ml 0.00 - 2 ng/ml
Lemon		0.00	ng/ml	ū.
Orange		0.22	ng/ml	0.00 - 5.14 ng/ml
Peach		0.22	ng/ml	0.00 - 2 ng/ml
Pear	MODERATE	0.00	ng/ml	0.00 - 2 ng/ml
Pineapple	MODERATE	1.71	ng/ml	0.00 - 2 ng/ml
Plum		0.00	ng/ml	0.00 - 2.64 ng/ml
Strawberry		0.00	ng/ml	0.00 - 2 ng/ml
Tomato		0.12	ng/ml	0.00 - 2 ng/ml
Watermelon	HIGH	7.53	ng/ml	0.00 - 4.02 ng/ml
Yellow Squash	MODERATE	8.53	ng/ml	0.00 - 11.21 ng/ml

Scallops 0.00 ng/ml 0.00 - 2 ng/ml Shrimp 0.00 ng/ml 0.00 - 2 ng/ml	POTENTIAL
	/ml
	/ml
HERBS, SPICES, SEASONINGS	
Black Pepper HIGH 4.17 ng/ml 0.00 - 3.66 ng	g/ml
Cinnamon 0.00 ng/ml 0.00 - 2 ng/	/ml
Garlic 0.00 ng/ml 0.00 - 2 ng/	/ml
Ginger 0.49 ng/ml 0.00 - 6.34 ng	
Hops 0.00 ng/ml 0.00 - 4.56 ng	g/ml
Mustard MODERATE 1.23 ng/ml 0.00 - 2 ng/	/ml
Vanilla 0.00 ng/ml 0.00 - 3.87 n	g/ml
GRAINS, GRASSES	
Barley MODERATE 4.02 ng/ml 0.00 - 8.33 ng	g/ml
Corn L 0.34 ng/ml 0.00 - 2.77 n	g/ml
Gluten 2.70 ng/ml 0.00 - 43.1 n	g/ml
Oat L 0.79 ng/ml 0.00 - 2 ng/	/ml
Rice 0.00 ng/ml 0.00 - 3.44 ng	g/ml
Rye 0.00 ng/ml 0.00 - 3.76 ng	g/ml
Whole Wheat L 1.23 ng/ml 0.00 - 11.38 r	ng/ml
SEEDS, NUTS	
Almond 0.64 ng/ml 0.00 - 22.72 r	ng/ml
Cacao L 0.64 ng/ml 0.00 - 2 ng/	/ml YES
Cashew 0.00 ng/ml 0.00 - 16.53 r	ng/ml
Coffee 0.00 ng/ml 0.00 - 2.22 ng	g/ml
Cottonseed 0.00 ng/ml 0.00 - 2 ng/	/ml
English Walnut 0.00 ng/ml 0.00 - 2 ng/	/ml
Flax Seed MODERATE 1.08 ng/ml 0.00 - 2.75 ng	g/ml YES
Pecan 0.20 ng/ml 0.00 - 2 ng/	/ml
Sesame 0.00 ng/ml 0.00 - 2 ng/	/ml
FRUITS	
Apple MODERATE 4.02 ng/ml 0.00 - 7.5 ng	g/ml
Avocado 0.93 ng/ml 0.00 - 8.95 ng	g/ml
Banana 0.20 ng/ml 0.00 - 8.09 ng	g/ml
Blueberry 0.00 ng/ml 0.00 - 4.38 ng	g/ml
Cantaloupe 0.00 ng/ml 0.00 - 5.79 ng	g/ml
Cherry 0.20 ng/ml 0.00 - 2 ng/	/ml
Coconut 0.00 ng/ml 0.00 - 6.19 ng	g/ml
Cucumber 0.00 ng/ml 0.00 - 2 ng/	/ml
Grapefruit 0.00 ng/ml 0.00 - 2 ng/	/ml
Grapes 0.20 ng/ml 0.00 - 2 ng/	/ml
Green Olive 0.00 ng/ml 0.00 - 3.23 ng	g/ml
Green Pepper 0.00 ng/ml 0.00 - 2 ng/	/ml
Honeydew 0.00 ng/ml 0.00 - 2 ng/	/ml
Lemon 0.05 ng/ml 0.00 - 2 ng/	/ml
Orange 0.00 ng/ml 0.00 - 4.8 ng	
Peach 0.00 ng/ml 0.00 - 1.16 ng	g/ml
Pear 0.00 ng/ml 0.00 - 2 ng/	/ml
Pineapple 0.05 ng/ml 0.00 - 3.99 ng	
Plum 0.00 ng/ml 0.00 - 3.03 ng	g/ml
Strawberry 0.00 ng/ml 0.00 - 2 ng/	/ml
Tomato 0.00 ng/ml 0.00 - 2 ng/	
Watermelon 0.00 ng/ml 0.00 - 4.31 ng	
Yellow Squash 2.99 ng/ml 0.00 - 10.08 r	

This test was developed and its performance characteristics determined by Dunwoody Labs or third-party reference affiliates. FDA clearance is not currently required for clinical use. Results are not intended to be used as the sole means for clinical diagnosis. Clinical correlation is required.

7 Analysis performed by Dunwoody Labs CLIA ID: 11D1101209

588E - Dietary Antigen Testing | 4/4

Patient Results

ANTIGEN	RESULT	IgE	REF. RANGE
VEGETABLES			
Asparagus	L	2.41 ng/ı	ml 0.00 - 6.68 ng/ml
Broccoli	L	0.85 ng/i	ml 0.00 - 5.91 ng/ml
Cabbage	MODERATE	1.55 ng/i	ml 0.00 - 3.22 ng/ml
Carrot		0.00 ng/i	ml 0.00 - 5.45 ng/ml
Cauliflower		0.12 ng/i	ml 0.00 - 2.89 ng/ml
Celery		0.00 ng/i	ml 0.00 - 2.42 ng/ml
Lettuce		0.00 ng/i	ml 0.00 - 3.78 ng/ml
Onion		0.00 ng/i	ml 0.00 - 2 ng/ml
Spinach	HIGH	7.53 ng/i	ml 0.00 - 5.63 ng/ml
Sweet Potato		0.00 ng/i	ml 0.00 - 1.38 ng/ml
Tea		0.00 ng/i	ml 0.00 - 2 ng/ml
White Potato		0.00 ng/i	ml 0.00 - 2.5 ng/ml

-					
ANTIGEN	RESULT	IgG4		REF. RANGE	BLOCKING POTENTIAL
VEGETABLES					
Asparagus		0.64 n	g/ml	0.00 - 7.56 ng/ml	
Broccoli		0.00 n	g/ml	0.00 - 6.2 ng/ml	
Cabbage		0.00 n	g/ml	0.00 - 2.59 ng/ml	
Carrot		0.00 n	g/ml	0.00 - 4.73 ng/ml	
Cauliflower	L	0.34 n	g/ml	0.00 - 3.03 ng/ml	YES
Celery		0.00 n	g/ml	0.00 - 2.98 ng/ml	
Lettuce		0.00 n	g/ml	0.00 - 3.55 ng/ml	
Onion		0.00 n	g/ml	0.00 - 2 ng/ml	
Spinach		0.00 n	g/ml	0.00 - 5.41 ng/ml	
Sweet Potato		0.00 n	g/ml	0.00 - 2 ng/ml	
Tea		0.00 n	g/ml	0.00 - 2 ng/ml	
White Potato		0.00 n	g/ml	0.00 - 2.64 ng/ml	





Dietary Antigen-Specific IgG with Complement

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

F: 770-674-1701 Email: info@dunwoodylabs.com www.dunwoodylabs.com

PATIENT INFO

NAME: SAMPLE PATIENT

REQUISITION ID: R01011 SAMPLE ID: 14141

DOB: 1/1/2001 SAMPLE DATE: 3/2/2018 RECEIVE DATE: 3/6/2018 REPORT DATE: 3/14/2018

CLINIC INFO DUNWOODY LABS

ADDRESS: 9 DUNWOODY PARK

SUITE 121

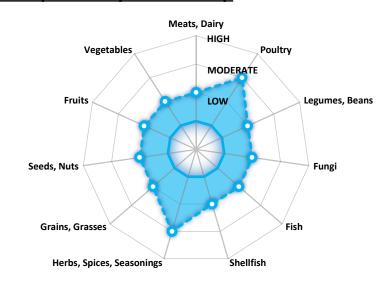
DUNWOODY, GA 30338

PHONE: 678-736-6374 FAX: 770-674-1701

588G - Dietary Antigen Testing | 1/4

Dietary Antigen Exposure by Food Group





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
MEATS, DAIRY				
Beef		0.00	ng/ml	0.00 - 97.5 ng/ml
Casein		106.60	ng/ml	0.00 - 1771.02 ng/ml
Cow's Milk		102.95	ng/ml	0.00 - 2239.16 ng/ml
Goat's Milk		86.50	ng/ml	0.00 - 2064.18 ng/ml
Pork		15.23	ng/ml	0.00 - 130.74 ng/ml
POULTRY				
Chicken		0.00	ng/ml	0.00 - 81 ng/ml
Egg Albumin		0.00	ng/ml	0.00 - 1550.51 ng/ml
Egg Yolk		126.71	ng/ml	0.00 - 820.71 ng/ml
Turkey	HIGH	134.02	ng/ml	0.00 - 99.15 ng/ml
LEGUMES, BEAN	<i>'</i> S			
Green Pea		0.00	ng/ml	0.00 - 151.58 ng/ml
Kidney Bean	MODERATE	349.66	ng/ml	0.00 - 660.95 ng/ml
Lima Bean		0.00	ng/ml	0.00 - 220.72 ng/ml
Navy Bean	L	207.12	ng/ml	0.00 - 473.24 ng/ml
Peanut		0.00	ng/ml	0.00 - 293.37 ng/ml
Soybean	L	196.15	ng/ml	0.00 - 299.22 ng/ml
String Bean	L	141.33	ng/ml	0.00 - 373.81 ng/ml
FUNGI				
Aspergillus Mix		1729.41	ng/ml	0.00 - 3464.94 ng/ml
Brewer's Yeast		71.88	ng/ml	0.00 - 1481.7 ng/ml
Candida		121.22	ng/ml	0.00 - 1687.95 ng/ml
Mushroom		6.09	ng/ml	0.00 - 104.78 ng/ml
FISH				
Codfish	L	75.54	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		22.54	ng/ml	0.00 - 218.78 ng/ml
SHELLFISH				
Clam	L	207.12	ng/ml	0.00 - 458.98 ng/ml
Crab		0.00	ng/ml	0.00 - 203.61 ng/ml
Lobster	<u>-</u>	4.26	ng/ml	0.00 - 246.18 ng/ml

ANTIGEN	RESULT	C3D		CUTOFF
MEATS, DAIRY				
Beef		140.46	ng/ml	228 ng/ml
Casein		531.73	ng/ml	1479 ng/ml
Cow's Milk	YES	6430.90	ng/ml	3693 ng/ml
Goat's Milk	-	3210.43	ng/ml	4019 ng/ml
Pork		832.71	ng/ml	4303 ng/ml
POULTRY				
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
LEGUMES, BEANS	5			
Green Pea		0.00	ng/ml	177 ng/ml
Kidney Bean		0.00	ng/ml	793 ng/ml
Lima Bean		230.75	ng/ml	7181.1 ng/ml
Navy Bean		170.55	ng/ml	697.8 ng/ml
Peanut		0.00	ng/ml	113 ng/ml
Soybean	YES	3782.29	ng/ml	1925 ng/ml
String Bean		0.00	ng/ml	7047.1 ng/ml
FUNGI				
Aspergillus Mix		50.16	ng/ml	461 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
FISH				
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	YES	381.24	ng/ml	196 ng/ml
SHELLFISH				
Clam		712.32	ng/ml	1212 ng/ml
Crab		0.00	ng/ml	238 ng/ml
Lobster		0.00	ng/ml	203 ng/ml

588G - Dietary Antigen Testing | 3/4

Patient Results

ANTIGEN	RESULT	lg(3	REF. RANGE
Scallops		0.00	ng/ml	0.00 - 73.56 ng/ml
Shrimp		15.23	ng/ml	0.00 - 149.69 ng/ml
HERBS, SPICES, S	EASONINGS			
Black Pepper	MODERATE	1164.72	ng/ml	0.00 - 1181.2 ng/ml
Cinnamon	HIGH	2261.21	ng/ml	0.00 - 1542.14 ng/ml
Garlic		0.00	ng/ml	0.00 - 218.57 ng/ml
Ginger	HIGH	799.22	ng/ml	0.00 - 743.02 ng/ml
Hops		44.47	ng/ml	0.00 - 311.84 ng/ml
Mustard		0.00	ng/ml	0.00 - 251.54 ng/ml
Vanilla	HIGH	632.92	ng/ml	0.00 - 623.81 ng/ml
GRAINS, GRASSE	S			<u> </u>
Barley		9.75	ng/ml	0.00 - 141.37 ng/ml
Corn		18.88	ng/ml	0.00 - 182.92 ng/ml
Gluten		51.78	ng/ml	0.00 - 1335.52 ng/ml
Oat		0.00	ng/ml	0.00 - 240.92 ng/ml
Rice	L	62.74	ng/ml	0.00 - 135.63 ng/ml
Rye		20.71	ng/ml	0.00 - 472.68 ng/ml
Whole Wheat	L	75.54	ng/ml	0.00 - 475.59 ng/ml
SEEDS, NUTS			O/	
Almond		22.54	ng/ml	0.00 - 798.69 ng/ml
Cacao	MODERATE	130.36	ng/ml	0.00 - 249.27 ng/ml
Cashew		0.00	ng/ml	0.00 - 390.28 ng/ml
Coffee	MODERATE	243.66	ng/ml	0.00 - 327.38 ng/ml
Cottonseed		0.00	ng/ml	0.00 - 191.65 ng/ml
English Walnut		0.00	ng/ml	0.00 - 127.37 ng/ml
Flax Seed	L	73.71	ng/ml	0.00 - 313.19 ng/ml
Pecan		0.00	ng/ml	0.00 - 86.88 ng/ml
Sesame	HIGH	797.39	ng/ml	0.00 - 740.58 ng/ml
FRUITS			O/	g,
Apple		0.00	ng/ml	0.00 - 70.75 ng/ml
Avocado		0.00	ng/ml	0.00 - 109.67 ng/ml
Banana	MODERATE	117.57	ng/ml	0.00 - 125.6 ng/ml
Blueberry	L	106.60	ng/ml	0.00 - 255.85 ng/ml
Cantaloupe	MODERATE	90.16	ng/ml	0.00 - 169.24 ng/ml
Cherry		0.00	ng/ml	0.00 - 63.83 ng/ml
Coconut	L	93.81	ng/ml	0.00 - 234.08 ng/ml
Cucumber	MODERATE	15.23	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		9.75	ng/ml	0.00 - 115.5 ng/ml
Green Pepper		0.00	ng/ml	0.00 - 61.25 ng/ml
Honeydew		0.00	ng/ml	0.00 - 79.51 ng/ml
Lemon		0.00	ng/ml	0.00 - 79.13 ng/ml
Orange		0.00	ng/ml	0.00 - 143.18 ng/ml
Peach	MODERATE	35.33	ng/ml	0.00 - 101.47 ng/ml
Pear		0.00	ng/ml	0.00 - 67.84 ng/ml
Pineapple	MODERATE	159.60	ng/ml	0.00 - 341.38 ng/ml
Plum	MODERATE	29.85	ng/ml	0.00 - 43.74 ng/ml
Strawberry		2.44	ng/ml	0.00 - 59.62 ng/ml
Tomato	HIGH	53.61	ng/ml	0.00 - 48.38 ng/ml
Watermelon	HIGH	77.36	ng/ml	0.00 - 50.33 ng/ml
Yellow Squash	MODERATE	196.15	ng/ml	0.00 - 298.3 ng/ml
			<u> </u>	U

ANTIGEN	RESULT	COMPLE	MENT	CUTOFF
Scallops		501.63	ng/ml	1683.3 ng/ml
Shrimp		110.36	ng/ml	220 ng/ml
HERBS, SPICES, SE	EASONINGS			
Black Pepper	YES	1073.49	ng/ml	534 ng/ml
Cinnamon		0.00	ng/ml	942 ng/ml
Garlic		0.00	ng/ml	379 ng/ml
Ginger		0.00	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
GRAINS, GRASSES	5		<u> </u>	<u> </u>
Barley		531.73	ng/ml	831 ng/ml
Corn		0.00	ng/ml	295 ng/ml
Gluten		20.07	ng/ml	381 ng/ml
Oat		0.00	ng/ml	75 ng/ml
Rice	YES	1555.05	ng/ml	152 ng/ml
Rye		0.00	ng/ml	128 ng/ml
Whole Wheat		0.00	ng/ml	706 ng/ml
SEEDS, NUTS			J,	··or ····
Almond		200.65	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		110.36	ng/ml	192 ng/ml
Sesame		0.00	ng/ml	245 ng/ml
FRUITS		0.00	116/1111	2 13 116/ 1111
Apple		0.00	ng/ml	457 ng/ml
Avocado		411.34	ng/ml	800 ng/ml
Banana		0.00	ng/ml	529 ng/ml
Blueberry		0.00	ng/ml	7394.5 ng/ml
Cantaloupe		0.00	ng/ml	453 ng/ml
Cherry		0.00	ng/ml	35 ng/ml
Coconut		0.00	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		238 ng/ml
Plum			ng/ml	255 ng/ml
		140.46	ng/ml	
Strawberry		0.00	ng/ml	79 ng/ml
Tomato		0.00	ng/ml	170 ng/ml
Watermelon	VEC	0.00	ng/ml	289 ng/ml
Yellow Squash	YES	7815.40	ng/ml	1083.9 ng/ml

This test was developed and its performance characteristics determined by Dunwoody Labs or third-party reference affiliates. FDA clearance is not currently required for clinical use. Results are not intended to be used as the sole means for clinical diagnosis. Clinical correlation is required.

11 Analysis performed by Dunwoody Labs CLIA ID: 11D1101209

SAMPLE PATIENT REPORT DATE: PATIENT NAME: REQUISITION ID: R01011 3/14/2018

588G - Dietary Antigen Testing | 4/4

Patient Results

ANTIGEN	RESULT	IgG		REF. RANGE
VEGETABLES				
Asparagus		48.12	ng/ml	0.00 - 375.11 ng/ml
Broccoli		298.49	ng/ml	0.00 - 1556.65 ng/ml
Cabbage		0.00	ng/ml	0.00 - 80.85 ng/ml
Carrot		44.47	ng/ml	0.00 - 167.16 ng/ml
Cauliflower	MODERATE	155.95	ng/ml	0.00 - 222.2 ng/ml
Celery		20.71	ng/ml	0.00 - 125.69 ng/ml
Lettuce		0.00	ng/ml	0.00 - 81.76 ng/ml
Onion		0.00	ng/ml	0.00 - 50.8 ng/ml
Spinach	L	71.88	ng/ml	0.00 - 187.29 ng/ml
Sweet Potato	MODERATE	62.74	ng/ml	0.00 - 83.98 ng/ml
Tea	L	256.46	ng/ml	0.00 - 591.05 ng/ml
White Potato		0.00	ng/ml	0.00 - 68.19 ng/ml

ANTIGEN	RESILIT	COMPLE	MENT	CUTOFF
	INLOULI	COMITEE	IVILIA	COTOTT
VEGETABLES				
Asparagus		0.00	ng/ml	448 ng/ml
Broccoli		50.16	ng/ml	473 ng/ml
Cabbage		0.00	ng/ml	493 ng/ml
Carrot		0.00	ng/ml	383 ng/ml
Cauliflower		20.07	ng/ml	3128.4 ng/ml
Celery		0.00	ng/ml	320 ng/ml
Lettuce		0.00	ng/ml	484 ng/ml
Onion		80.26	ng/ml	155 ng/ml
Spinach		0.00	ng/ml	705 ng/ml
Sweet Potato	YES	1284.17	ng/ml	462 ng/ml
Tea		0.00	ng/ml	116 ng/ml
White Potato		0.00	ng/ml	834 ng/ml

This test was developed and its performance characteristics determined by Dunwoody Labs or third-party reference affiliates. FDA clearance is not currently required for clinical use. Results are not intended to be used as the sole means for clinical diagnosis. Clinical correlation is required.

12 Analysis performed by Dunwoody Labs CLIA ID: 11D1101209