

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

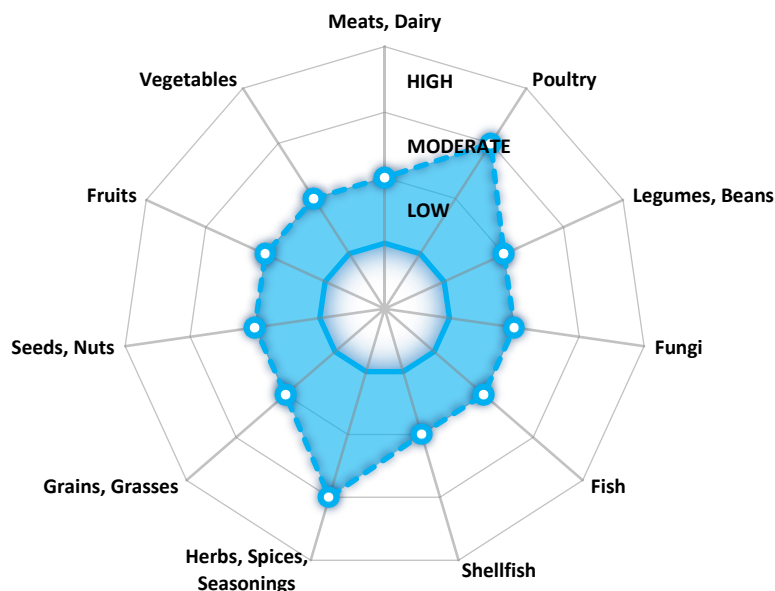
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588G - Dietary Antigen Testing | 1/4

Dietary Antigen Exposure by Food Group

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

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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 innate immune function.

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, BEANS			
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		4.26 ng/ml	0.00 - 246.18 ng/ml
Scallops		0.00 ng/ml	0.00 - 73.56 ng/ml
Shrimp		15.23 ng/ml	0.00 - 149.69 ng/ml

ANTIGEN	RESULT	COMPLEMENT	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			
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
Scallops		501.63 ng/ml	1683.3 ng/ml
Shrimp		110.36 ng/ml	220 ng/ml

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Patient Results

ANTIGEN	RESULT	IgG	REF. RANGE
HERBS, SPICES, SEASONINGS			
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, GRASSES			
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			
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			
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

ANTIGEN	RESULT	COMPLEMENT	CUTOFF
HERBS, SPICES, SEASONINGS			
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			
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			
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			
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 ng/ml	238 ng/ml
Plum		140.46 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	YES	7815.40 ng/ml	1083.9 ng/ml

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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	RESULT	COMPLEMENT	CUTOFF
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

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