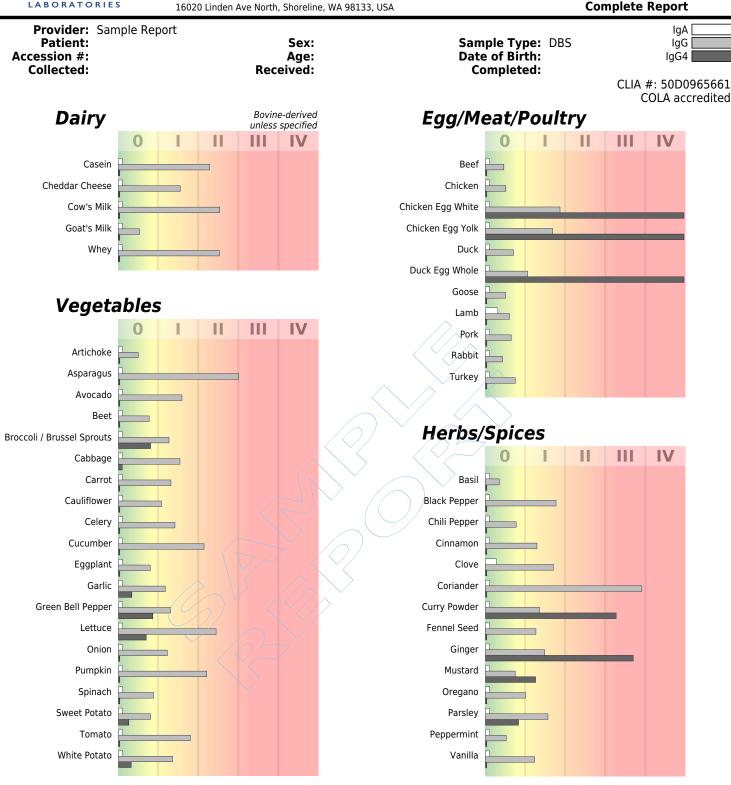


**Complete Report** 

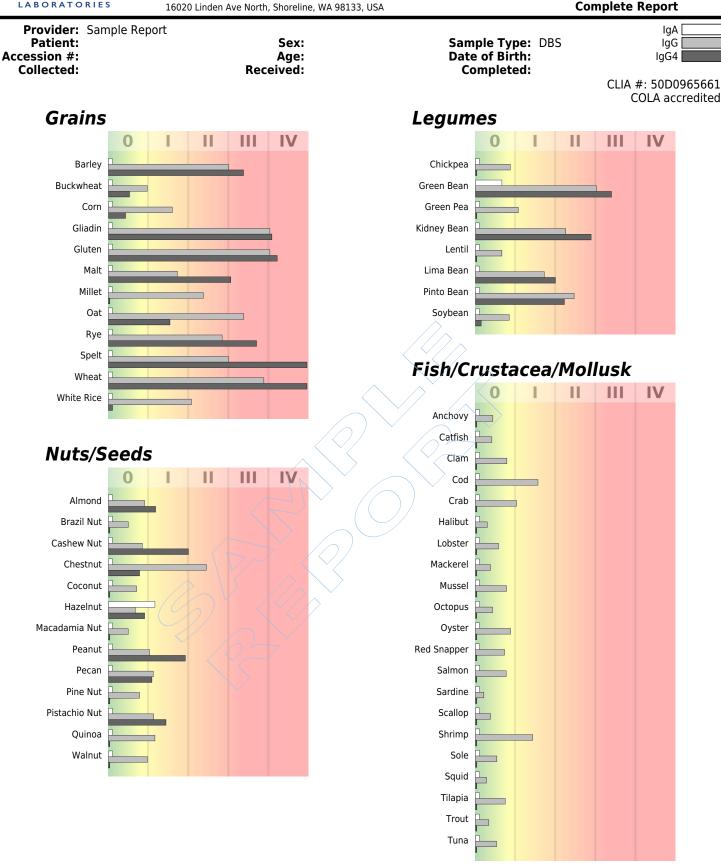


© US BioTek Laboratorie	es Rea	ction Class	Director: Jillian Harrington, PhD, HCLD (ABB)		
<b>O</b>	Low	<b>II</b>	<b>III</b>	<b>IV</b>	
Very Low		Moderate	High	Very High	

US BioTek Laboratories' proprietary ELISA analyses are designed to assay specific IgG (subclasses 1, 2, 3, 4) and IgA (subclasses 1, 2) antibodies. The classification of 0 to IV denotes the level of IgG and/or IgA antibodies detected through spectrophotometric analysis. The antigens on the panel are subject to change without prior notice. Reference ranges are updated periodically. This test was developed and its performance characteristics determined by US BioTek Laboratories, LLC, 16020 Linden Ave N, Shoreline, WA 98133, USA. Test methodology has not been cleared or approved by the U.S. Food and Drug Administration.



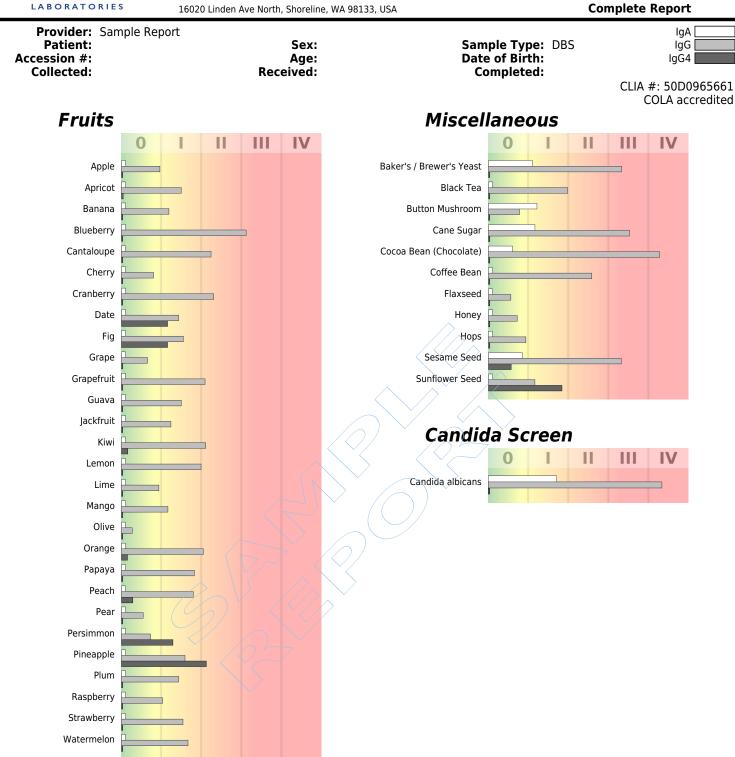
**Complete Report** 



©	© US BioTek Laboratories Re		ction Class	Director: Jillian Harrington, PhD, HCLD (ABB)		
	<b>O</b> Very Low	<b>L</b> ow	<b>II</b> Moderate	<b>III</b> High	<b>IV</b> Very High	

US BioTek Laboratories' proprietary ELISA analyses are designed to assay specific IgG (subclasses 1, 2, 3, 4) and IgA (subclasses 1, 2) antibodies. The classification of 0 to IV denotes the level of IgG and/or IgA antibodies detected through spectrophotometric analysis. The antigens on the panel are subject to change without prior notice. Reference ranges are updated periodically. This test was developed and its performance characteristics determined by US BioTek Laboratories, LLC, 16020 Linden Ave N, Shoreline, WA 98133, USA. Test methodology has not been cleared or approved by the U.S. Food and Drug Administration.





$\ensuremath{\mathbb{C}}$ US BioTek Laboratories	Rea	ction Class	Director: Jillian Harr	or: Jillian Harrington, PhD, HCLD (ABB)		
<b>O</b>	l	<b>II</b>	<b>III</b>	<b>IV</b>		
Very Low	Low	Moderate	High	Very High		

US BioTek Laboratories' proprietary ELISA analyses are designed to assay specific LgG (subclasses 1, 2, 3, 4) and IgA (subclasses 1, 2) antibodies. The classification of 0 to IV denotes the level of IgG and/or IgA antibodies detected through spectrophotometric analysis. The antigens on the panel are subject to change without prior notice. Reference ranges are updated periodically. This test was developed and its performance characteristics determined by US BioTek Laboratories, LLC, 16020 Linden Ave N, Shoreline, WA 98133, USA. Test methodology has not been cleared or approved by the U.S. Food and Drug Administration.



## 144 Food Panel: IgA/IgG/IgG4

**Complete Report** 

	Sample Report
Patient:	
Accession #: Collected:	

Sample Type: DBS Date of Birth: **Completed:** 

CLIA #: 50D0965661 COLA accredited

IgA

lgG

lgG4

								•=	COLA accre
Dairy					Vegetables (Conti	nued)			
Antigen Name	Analyte	Class	Value	Very Low Range	Antigen Name	Analyte	Class	Value	Very Low Range
Casein	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Onion	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Casein	lgG	Moderate	5.88 mg/L	<3 mg/L	Onion	lgG	Low	4.07 mg/L	<3.5 mg/L
Casein	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Onion	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Cheddar Cheese	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Pumpkin	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Cheddar Cheese	lgG	Low	4.12 mg/L	<3 mg/L	Pumpkin	lgG	Moderate	7.33 mg/L	<3 mg/L
Cheddar Cheese	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Pumpkin	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Cow's Milk	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Spinach	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Cow's Milk	lgG	Moderate	6.17 mg/L	<2 mg/L	Spinach	lgG	Very Low	3.10 mg/L	<3.5 mg/L
Cow's Milk	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Spinach	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Goat's Milk	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Sweet Potato	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Goat's Milk	IgG	Very Low	1.07 mg/L	<2 mg/L	Sweet Potato	lgG	Very Low	5.66 mg/L	<7 mg/L
Goat's Milk	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Sweet Potato	lgG4	Very Low	0.31 mg/L	<1.2 mg/L
Whey	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Tomato	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Whey	IgG	Moderate	6.13 mg/L	<2 mg/L	Tomato	lgG	Low	4.57 mg/L	<2.8 mg/L
Whey	lgG4	Very Low	0.03 mg/L	<1.2 mg/L	Tomato	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
					White Potato	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Vegetables				Mamelau	White Potato	∕∕lgG	Low	6.07 mg/L	<5 mg/L
Antigen Name	Analyte	Class	Value	Very Low Range	White Potato	lgG4	Very Low	0.39 mg/L	<1.2 mg/L
Artichoke	lgA	Very Low	0.00 mg/L	<1.95 mg/L					
Artichoke	lgG	Very Low	9.82 mg/L	<20 mg/L	Egg/Meat/Poultry	$\langle \rangle$			Marrislaw
Artichoke	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Antigen Name	Analyte	Class	Value	Very Low Range
Asparagus	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Beef	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Asparagus	lgG	High	16.20 mg/L	<5 mg/L	Beef	lgG	Very Low	1.38 mg/L	<3 mg/L
Asparagus	IgG4	Very Low	0.00 mg/L	<1.2 mg/l_	Beef	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Avocado	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Chicken	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Avocado	lgG	Low	3.20 mg/L	<2 mg/L	Chicken	lgG	Very Low	2.06 mg/L	<4 mg/L
Avocado	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Chicken	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Beet	lgA	Very Low	0.00 mg/L	<1,95 mg/L	Chicken Egg White	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Beet	lgG	Very Low	4.64 mg/L	<6 mg/L	Chicken Egg White	lgG	Low	6.53 mg/L	<3.5 mg/L
Beet	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Chicken Egg White	lgG4	Very High	39.37 mg/L	<1.2 mg/L
Broccoli / Brussel Sprouts	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Chicken Egg Yolk	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Broccoli / Brussel Sprouts	lgG	Low	9.72 mg/L	<7.5 mg/L	Chicken Egg Yolk	lgG	Low	4.37 mg/L	<3 mg/L
Broccoli / Brussel Sprouts	lgG4	Very Low	0.96 mg/L	<1.2 mg/L	Chicken Egg Yolk	lgG4	Very High	39.37 mg/L	<1.2 mg/L
Cabbage	lgA (	Very Low	0.00 mg/L	<1.95 mg/L	Duck	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Cabbage	lgG	Low	5.96 mg/L	<3.5 mg/L	Duck	lgG	Very Low	1.40 mg/L	<2 mg/L
Cabbage	lgG4	Very Low	0.11 mg/L	<1.2 mg/L	Duck	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Carrot	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Duck Egg Whole	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Carrot	lgG	Low	5.26 mg/L	<4 mg/L	Duck Egg Whole	lgG	Low	2.92 mg/L	<2.8 mg/L
Carrot	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Duck Egg Whole	lgG4	Very High	39.37 mg/L	<1.2 mg/L
Cauliflower	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Goose	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Cauliflower	IgG	Low	3.16 mg/L	<3 mg/L	Goose	lgG	Very Low	1.52 mg/L	<3 mg/L
Cauliflower	lgG4	Very Low	0.02 mg/L	<1.2 mg/L	Goose	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Celery	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Lamb	IgA	Very Low	0.61 mg/L	<1.95 mg/L
Celery	lgG	Low	5.67 mg/L	<4 mg/L	Lamb	lgG	Very Low	1.82 mg/L	<3 mg/L
Celery	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Lamb	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Cucumber	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Pork	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Cucumber	lgG	Moderate	6.57 mg/L	<3 mg/L	Pork	lgG	Very Low	1.92 mg/L	<3 mg/L
Cucumber	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Pork	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Eggplant	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Rabbit	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Eggplant	IgG	Very Low	6.39 mg/L	<8 mg/L	Rabbit	lgG	Very Low	1.29 mg/L	<3 mg/L
Eggplant	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Rabbit	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Garlic	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Turkey	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Garlic	lgG	Low	6.70 mg/L	<6 mg/L	Turkey	lgG	Very Low	2.23 mg/L	<3 mg/L
Garlic	lgG4	Very Low	0.40 mg/L	<1.2 mg/L	Turkey	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Green Bell Pepper	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Herbe/Colors				
Green Bell Pepper	lgG	Low	5.20 mg/L	<4 mg/L	Herbs/Spices				Very Low
Green Bell Pepper	lgG4	Very Low	1.03 mg/L	<1.2 mg/L	Antigen Name	Analyte	Class	Value	Range
Lettuce	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Basil	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Lettuce	lgG	Moderate	10.42 mg/L	<3.5 mg/L	Basil	lgG	Very Low	7.85 mg/L	<22 mg/L
Lettuce	lgG4	Very Low	0.82 mg/L	<1.2 mg/L	Basil	lgG4	Very Low	0.00 mg/L	<1.2 mg/L

16020 Linden Ave North, Shoreline, WA 98133, USA

**Received:** 

Sex:

Age:

US BioTek Laboratories' proprietary ELISA analyses are designed to assay specific IgG (subclasses 1, 2, 3, 4) and IgA (subclasses 1, 2) antibodies. The classification of 0 to IV denotes the level of IgG and/or IgA antibodies detected through spectrophotometric analysis. The antigens on the panel are subject to change without prior notice. Reference ranges are updated periodically. This test was developed and its performance characteristics determined by US BioTek Laboratories, LLC, 16020 Linden Ave N, Shoreline, WA 98133, USA. Test methodology has not been cleared or approved by the U.S. Food and Drug Administration.



**Complete Report** 

Value

0.00 mg/L

9.51 mg/L

0.00 ma/L

0.00 mg/L

12.37 mg/L

3.12 mg/L

0.00 mg/L

14.79 mg/L

16.04 mg/L

0.00 mg/L 16.01 mg/L

39.37 mg/L

0.00 mg/L

15.36 mg/L

39.37 mg/L

0.00 mg/L

6.29 mg/L

0.12 mg/L

Value

0.00 mg/L

2.74 mg/L

1.85 mg/L

0.00 mg/L

1.75 mg/L

0.00 mg/L

0.00 mg/L

2.55 mg/L 4.74 mg/L

0.00 mg/L

11.64 ma/L

0.94 mg/L

0.00 mg/L

2.87 mg/L

0.00 mg/L

2.28 mg/L

2.71 mg/L

1.09 mg/L

0.00 mg/L

1.50 mg/L

0.00 mg/L

0.00 mg/L 4.15 mg/L

4.48 mg/L

0.00 mg/L

4.50 mg/L

1.52 mg/L

0.00 mg/L

2.73 mg/L

0.00 mg/L

0.00 mg/L 3.26 mg/L

2.76 mg/L

0.00 mg/L 3.51 mg/L

0.00 mg/L

0.00 mg/L 4.92 mg/L

0.00 mg/L

Provider:	Sample Report
Patient:	
Accession #:	
Collected:	

Sex:		
Age:		

16020 Linden Ave North, Shoreline, WA 98133, USA

**Received:** 

Sample Type: DBS Date of Birth: Completed:

#### IgA \_\_\_\_\_ IgG \_\_\_\_\_ IgG4 \_\_\_\_\_

CLIA #: 50D0965661 COLA accredited

Very Low

Range

<4 mg/L

<4 mg/L

<4 mg/L

<1.2 mg/L <1.95 mg/L

<6 mg/L

<1.2 mg/L

<1.95 mg/L

<3.5 mg/L

<1.2 mg/L

<1.95 mg/L

<3.5 mg/L <1.2 mg/L

Very Low

Range

<3 mg/L

<1.2 mg/L

<1.95 mg/L

<3.5 mg/L

<1.2 mg/L

<1.95 mg/L <3 mg/L

<1.2 mg/L

<1.95 mg/L

<4 ma/L

<1.2 mg/L

<4 mg/L

<4 mg/L

<3 mg/L

<1.2 mg/L <1.95 mg/L

<4 mg/L

<4 ma/L

<1.2 mg/L

<1.95 mg/L

<3.5 mg/L

<1.2 mg/L <1.95 mg/L

<3 mg/L <1.2 mg/L

<3 mg/L

<1.2 mg/L <1.95 mg/L

<5 mg/L

<1.2 mg/L

<1.95 mg/L

<1.2 mg/L

<1.95 mg/L

<1.2 mg/L

<1.95 mg/L

<1.2 ma/L

<1.95 mg/L

<1.95 mg/L

<1.95 mg/L

<1.2 mg/L

<1.95 mg/L

<1.2 ma/L

<1.95 mg/L

<1.95 mg/L

Herbs/Spices (Con	tinued)				Grains (Continued)		
Antigen Name	Analyte		Value	Very Low Range	Antigen Name	Analyte	Class
Black Pepper	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Millet	lgA	Very Low
Black Pepper	lgG	Low	18.86 mg/L	<15 mg/L	Millet	lgG	Moderate
Black Pepper	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Millet	lgG4	Very Low
Chili Pepper	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Oat	lgA	Very Low
Chili Pepper	lgG	Very Low	2.33 mg/L	<3 mg/L	Oat	lgG	High
Chili Pepper	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Oat	lgG4	Low
Cinnamon	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Rye	lgA	Very Low
Cinnamon	lgG	Low	10.39 mg/L	<15 mg/L	Rye	lgG	Moderate
Cinnamon	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Rye	lgG4	High
Clove	IgA	Very Low	0.54 mg/L	<1.95 mg/L	Spelt	lgA	Very Low
Clove	lgG	Low	29.64 mg/L	<24 mg/L	Spelt	lgG	High
Clove	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Spelt	lgG4	Very High
Coriander	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Wheat	IgA	Very Low
Coriander	lgG	High	31.41 mg/L	<12 mg/L	Wheat	lgG	High
Coriander	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Wheat	lgG4	Very High
Curry Powder	IgA	Very Low	0.00 mg/L	<1.95 mg/L	White Rice	lgA	Very Low
Curry Powder	lgG	Low	6.82 mg/L	<5 mg/L	White Rice	lgG	Moderate
Curry Powder	lgG4	High	11.94 mg/L	<1.2 mg/L	White Rice	lgG4	Very Low
Fennel Seed	IgA	Very Low	0.00 mg/L	<1.95 mg/L			
Fennel Seed	lgG	Low	5.10 mg/L	<4 mg/L	Nuts/Seeds	$\langle \rangle$	
Fennel Seed	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Antigen Name	Analyte	Class
Ginger	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Almond	IgA	Very Low
Ginger	lgG	Low	13.94 mg/L	<12 mg/L	Almond	lgG	Very Low
Ginger	lgG4	High	16.06 mg/L	<1.2 mg/L	Almond	lgG4	Low
Mustard	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Brazil Nut	IgA	Very Low
Mustard	lgG	Very Low	3.75 mg/L	<5 mg/L	Brazil Nut	lgG	Very Low
Mustard	lgG4	Low	2.13 mg/L	<1.2 mg/L	Brazil Nut	lgG4	Very Low
Oregano	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Cashew Nut	IgA	Very Low
Oregano	lgG	Low	6.03 mg/L	<6 mg/L	Cashew Nut	lgG	Very Low
Oregano	lgG4	Very Low	0.00 mg/L	<1.2 mg/l	Cashew Nut	lgG4	Moderate
Parsley	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Chestnut	IgA	Very Low
Parsley	lgG	Low	7.88 mg/L	<5 mg/L	Chestnut	lgG	Moderate
Parsley	lgG4	Very Low	1.00 mg/L	<1.2 mg/L	Chestnut	lgG4	Very Low
Peppermint	lgA (	Very Low	0.00 mg/L	<1,95 mg/L	Coconut	IgA	Very Low
Peppermint	lgG	Very Low	7.92 mg/L	<15 mg/L	Coconut	lgG	Very Low
Peppermint	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Coconut	lgG4	Very Low
Vanilla	lgA	Very Low	0.00 mg/L	7 -	Hazelnut	IgA	Low
Vanilla	lgG	Low	17.10 mg/L	<15 mg/L	Hazelnut	lgG	Very Low
Vanilla	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Hazelnut	lgG4	Very Low
			V 0	Ū.	Macadamia Nut	IgA	Very Low
Grains					Macadamia Nut	lgG	Very Low
Antigen Name	Analyte	Class	Value	Very Low Range	Macadamia Nut	lgG4	Very Low
Barley	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Peanut	IgA	Very Low
Barley	lgG	High	8.01 mg/L	<3 mg/L	Peanut	lgG	Low
Barley	lgG4	High	12.98 mg/L	<1.2 mg/L	Peanut	lgG4	Low
Buckwheat	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Pecan	IgA	Very Low
Buckwheat	lgG	Very Low	2.91 mg/L	<3 mg/L	Pecan	lgG	Low
Buckwheat	lgG4	Very Low	0.63 mg/L	<1.2 mg/L	Pecan	lgG4	Low
Corn	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Pine Nut	IgA	Very Low
Corn	lgG	Low	6.43 mg/L	<4 mg/L	Pine Nut	lgG	Very Low
Corn	lgG4	Very Low	0.52 mg/L	<1.2 mg/L	Pine Nut	lgG4	Very Low
Gliadin	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Pistachio Nut	IgA	Very Low
Gliadin	lgG	Very Low	-	<3.5 mg/L	Pistachio Nut	lgG	Low
Gliadin	lgG4	Very High	-	<1.2 mg/L	Pistachio Nut	lgG4	Low
Gluten	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Quinoa	IgG4 IgA	Very Low
Gluten	lgG		19.90 mg/L	<3.5 mg/L	Quinoa	lgG	Low
Gluten	lgG4	Very High	-	<3.3 mg/L <1.2 mg/L	Quinoa	lgG4	Very Low
Malt	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Walnut	lgG4	Very Low
Malt	lgG	Low	6.92 mg/L	<1.95 mg/L <4 mg/L	Walnut	lgG	Very Low
Malt	lgG4	High	9.99 mg/L	<1.2 mg/L	Walnut	lgG4	Very Low
. rene	1907	gri	5.55 mg/L	-1.2 mg/L		1907	

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Accession #:

Oyster

Oyster

Patient:

Provider: Sample Report

# 144 Food Panel: IgA/IgG/IgG4

**Complete Report** 

Sample Type: DBS Date of Birth: **Completed:** 

IgA lgG lgG4

65661 edited

Accession #: Collected:			Rec	Age: eived:	Da	ate of Birt Complete			lgG4
								CLI	A #: 50D096 COLA accred
Legumes					Fish/Crustacea/	Mollusk (C	ontinue	d)	
Antigen Name	Analyte	Class	Value	Very Low Range	Antigen Name	Analyte	Class	Value	Very Low Range
Chickpea	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Red Snapper	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Chickpea	lgG	Very Low	2.61 mg/L	<3 mg/L	Red Snapper	lgG	Very Low	1.46 mg/L	<2 mg/L
Chickpea	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Red Snapper	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Green Bean	IgA	Very Low	1.30 mg/L	<1.95 mg/L	Salmon	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Green Bean	lgG	High	16.52 mg/L	<8 mg/L	Salmon	lgG	Very Low	2.33 mg/L	<3 mg/L
Green Bean	lgG4	High	13.18 mg/L	<1.2 mg/L	Salmon	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Green Pea	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Sardine	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Green Pea	lgG	Low	3.14 mg/L	<3 mg/L	Sardine	lgG	Very Low	0.42 mg/L	<2 mg/L
Green Pea	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Sardine	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Kidney Bean	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Scallop	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Kidney Bean	IgG	Moderate	13.08 mg/L	<8 mg/L	Scallop	lgG	Very Low	1.16 mg/L	<3 mg/L
Kidney Bean	lgG4	Moderate	8.91 mg/L	<1.2 mg/L	Scallop	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Lentil	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Shrimp	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Lentil	IgG	Very Low	2.66 mg/L	<4 mg/L	Shrimp	lgG	Low	3.58 mg/L	<2.5 mg/L
Lentil	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Shrimp	JgG4	Very Low	0.00 mg/L	<1.2 mg/L
Lima Bean	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Sole	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Lima Bean	IgG	Low	4.46 mg/L	<3 mg/L	Sole	lgG	Very Low	1.35 mg/L	<2.5 mg/L
Lima Bean	lgG4	Moderate	4.74 mg/L	<1.2 mg/L	Sole	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Pinto Bean	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Squid	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Pinto Bean	IgG	Moderate	11.77 mg/L	<4 mg/L	Squid	lgG	Very Low	1.14 mg/L	<4 mg/L
Pinto Bean	lgG4	Moderate	5.76 mg/L	<1.2 mg/L	Squid	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Soybean	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Tilapia	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Soybean	IgG	Very Low	2.52 mg/L	<3 mg/L	Tilapia	lgG	Very Low	1.51 mg/L	<2 mg/L
Soybean	lgG4	Very Low	0.17 mg/L	<1.2 mg/L	Tilapia	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Fich/Cructocoo/N	<b>A</b> olluck				Trout	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Fish/Crustacea/M				Very Low	Trout	lgG	Very Low	0.85 mg/L	<2.5 mg/L
Antigen Name	Analyte	Class	Value	Range	Trout	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Anchovy	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Tuna	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Anchovy	IgG	Very Low	0.89 mg/L	<2 mg/L	Tuna	lgG	Very Low	2.69 mg/L	<5 mg/L
Anchovy	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Tuna	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Catfish	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Fruits				
Catfish	lgG	Very Low	1.25 mg/L	<3 mg/L		6 a l	Class	Value	Very Low
Catfish	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Antigen Name	Analyte	Class	Value	Range
Clam	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Apple	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Clam	IgG	Very Low	1.99 mg/L	<2.5 mg/L	Apple	lgG	Very Low	4.83 mg/L	<5 mg/L
Clam	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Apple	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Cod	IgA	Very Low	0.00 mg/L	-	Apricot	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Cod	IgG	Low	4.15 mg/L	<3 mg/L	Apricot	lgG	Low	3.00 mg/L	<2 mg/L
Cod	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Apricot	lgG4	Very Low	0.05 mg/L	<1.2 mg/L
Crab	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Banana	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Crab	IgG	Low	3.06 mg/L	<3 mg/L	Banana	lgG	Low	4.78 mg/L	<4 mg/L
Crab	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Banana	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Halibut	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Blueberry	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Halibut	lgG	Very Low	0.60 mg/L	<2 mg/L	Blueberry	lgG	High	18.03 mg/L	<8 mg/L
Halibut	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Blueberry	lgG4	Very Low	0.01 mg/L	<1.2 mg/L
Lobster	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Cantaloupe	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Lobster	lgG	Very Low	2.34 mg/L	<4 mg/L	Cantaloupe	lgG	Moderate	19.90 mg/L	<12 mg/L
Lobster	lgG4	Very Low	0.00 mg/L	<1.2 mg/L	Cantaloupe	IgG4	Very Low	0.00 mg/L	<1.2 mg/L
Mackerel	IgA	Very Low	0.00 mg/L	<1.95 mg/L	Cherry	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Mackerel	lgG	Very Low	1.54 mg/L	<4 mg/L	Cherry	lgG	Very Low	4.04 mg/L	<5 mg/L
Mackerel	IgG4	Very Low	0.00 mg/L	<1.2 mg/L	Cherry	IgG4	Very Low	0.00 mg/L	<1.2 mg/L
Mussel	lgA	Very Low	0.00 mg/L	<1.95 mg/L	Cranberry	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Mussel	lgG	Very Low	2.19 mg/L	<2.8 mg/L	Cranberry	lgG	Moderate	8.45 mg/L	<2.8 mg/L
Mussel	IgG4	Very Low	0.00 mg/L	<1.2 mg/L	Cranberry	IgG4	Very Low	0.00 mg/L	<1.2 mg/L
Octopus	lgA IgG	Very Low	0.00 mg/L	<1.95 mg/L	Date	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Octopus	lgG lgG4	Very Low Very Low	1.31 mg/L 0.00 mg/L	<3 mg/L <1.2 mg/L	Date	lgG lgG4	Low Low	7.17 mg/L 1.75 mg/L	<5 mg/L <1.2 mg/L
Octopus Oyster	IgG4 IgA	Very Low	0.00 mg/L 0.00 mg/L	<1.2 mg/L <1.95 mg/L	Date	IgG4 IgA	Low Very Low	1.75 mg/L 0.00 mg/L	<1.2 mg/L <1.95 mg/L
Oyster	iga IaG		0.00 mg/L 14 19 mg/l	<1.95 mg/L <16 mg/l	Fig Fig	iga IgG	Low	0.00 mg/L 12 77 mg/l	<1.95 mg/L <10 mg/l

16020 Linden Ave North, Shoreline, WA 98133, USA

Sex:

Age:

US BioTek Laboratories' proprietary ELISA analyses are designed to assay specific IgG (subclasses 1, 2, 3, 4) and IgA (subclasses 1, 2) antibodies. The classification of 0 to IV denotes the level of IgG and/or IgA antibodies detected through spectrophotometric analysis. The antigens on the panel are subject to change without prior notice. Reference ranges are updated periodically. This test was developed and its performance characteristics determined by US BioTek Laboratories, LLC, 16020 Linden Ave N, Shoreline, WA 98133, USA. Test methodology has not been cleared or approved by the U.S. Food and Drug Administration.

<16 mg/L

<1.2 mg/L

Fig

Fig

lgG

lgG4

12.77 mg/L

1.74 mg/L

Low

Low

<10 mg/L

<1.2 mg/L

lgG

lgG4

Very Low 14.19 mg/L

Very Low 0.00 mg/L



#### Provider: Sample Report Patient: Accession #: Collected:

Antigen Name         Jack Very Low         O.00 mg/L         <1.95 mg/L	Fruits (Continued) Antigen Name	Analyte	Class	Value	Very Low
Grape         IgG         Very Low         3.26 mg/L         <5 mg/L	-	-			-
Grape         IgG4         Very Low         0.00 mg/L         <1.2 mg/L	-				5
Grapefruit         IgA         Very Low         0.00 mg/L         <1.95 mg/L	•		1 - C	5.	5
Grapefruit       IgG       Moderate $6.10 \text{ mg/L}$ $<3 \text{ mg/L}$ Grapefruit       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Guava       IgG       Low $6.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Guava       IgG       Low $6.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Jackfruit       IgG       Low $4.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Jackfruit       IgG       Low $4.00 \text{ mg/L}$ $<1.5 \text{ mg/L}$ Jackfruit       IgG       Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ Kiwi       IgG       Moderate $10.69 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lemon       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lemon       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lime       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango       IgG       Low $3.48 \text{ mg/L}$ $<3.5 \text{ mg/L}$ Mango       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$	•			5	5
Grapefruit       IgG4       Very Low $0.00 mg/L$ <1.2 mg/L	Grapefruit	lgA		0.00 mg/L	<1.95 mg/L
Guava         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Guava         IgG         Low         6.02 mg/L         <4 mg/L	Grapefruit	lgG	Moderate	6.10 mg/L	<3 mg/L
Guava       IgG       Low $6.02 \text{ mg/L}$ $<4 \text{ mg/L}$ Guava       IgG4       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Jackfruit       IgG       Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Jackfruit       IgG       Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Kiwi       IgG       Moderate $10.69 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Kiwi       IgG       Moderate $10.69 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lemon       IgA       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lemon       IgG       Low $5.98 \text{ mg/L}$ $<3.5 \text{ mg/L}$ Lime       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lime       IgG       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango       IgA       Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango       IgG       Very Low $0.00 \text{ mg/L}$ $<2.2 \text{ mg/L}$ Olive       IgG       Very Low $0.00 \text{ mg/L}$ $<2.2 \text{ mg/L}$ Olive       IgG       Very Low $0.00 \text{ mg/L}$ $<2.12 \text{ mg/L}$ <t< td=""><td>Grapefruit</td><td>lgG4</td><td>Very Low</td><td>0.00 mg/L</td><td>&lt;1.2 mg/L</td></t<>	Grapefruit	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Guava       IgG4       Very Low $0.00 mg/L$ <1.2 mg/L	Guava	IgA	Very Low	0.00 mg/L	<1.95 mg/L
JackfruitIgAVery Low $0.00 mg/L$ <1.95 mg/LJackfruitIgGLow $4.12 mg/L$ <3.5 mg/L	Guava	lgG	Low	6.02 mg/L	<4 mg/L
JackfruitIgGLow $4.12 mg/L$ $< 3.5 mg/L$ JackfruitIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ KiwiIgGModerate $10.69 mg/L$ $< 5.0 mg/L$ KiwiIgGVery Low $0.00 mg/L$ $< 1.2 mg/L$ LemonIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ LemonIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ LemonIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ LimeIgGVery Low $0.00 mg/L$ $< 1.95 mg/L$ LimeIgGVery Low $0.00 mg/L$ $< 1.95 mg/L$ LimeIgG4Very Low $0.00 mg/L$ $< 1.95 mg/L$ MangoIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ MangoIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ OliveIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ OliveIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ OrangeIgG4Very Low $0.00 mg/L$ $< 1.95 mg/L$ OrangeIgG4Very Low $0.00 mg/L$ $< 1.95 mg/L$ PapayaIgG4Very Low $0.00 mg/L$ $< 1.2 mg/L$ PeachIgGLow $S.52 mg/L$ $< 3.5 mg/L$ PearIgG4Very Low $0.00 mg/L$ </td <td>Guava</td> <td>lgG4</td> <td>Very Low</td> <td>0.00 mg/L</td> <td>&lt;1.2 mg/L</td>	Guava	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
JackfruitIgG4Very Low $0.00 mg/L$ <1.2 mg/LKiwiIgAVery Low $0.00 mg/L$ <1.95 mg/L	Jackfruit	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Kiwi       IgA       Very Low $0.00 mg/L$ <1.95 mg/L	Jackfruit	lgG	Low	4.12 mg/L	<3.5 mg/L
Kiwi       IgG       Moderate       10.69 mg/L $< 5 mg/L$ Kiwi       IgG4       Very Low       0.19 mg/L $< 1.2 mg/L$ Lemon       IgG       Low       5.98 mg/L $< 3.5 mg/L$ Lemon       IgG4       Very Low       0.00 mg/L $< 1.2 mg/L$ Lime       IgG       Very Low       0.00 mg/L $< 1.2 mg/L$ Lime       IgG       Very Low       0.00 mg/L $< 1.2 mg/L$ Mango       IgG4       Very Low       0.00 mg/L $< 1.2 mg/L$ Mango       IgG       Low $3.48 mg/L$ $< 3 mg/L$ Mango       IgG       Very Low       0.00 mg/L $< 1.2 mg/L$ Olive       IgG       Very Low       0.00 mg/L $< 1.2 mg/L$ Olive       IgG4       Very Low       0.00 mg/L $< 2.3 mg/L$ Orange       IgG       Very Low       0.00 mg/L $< 2.3 mg/L$ Orange       IgG       Very Low       0.00 mg/L $< 2.1 gm/L$ Orange       IgG4       Very Low       0.00 mg/L $< 2.1 gm/L$ Papaya       IgG       Low $5.5 mg/L$ $< 3.5 mg/L$	Jackfruit	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Kiwi       IgG4       Very Low $0.19 mg/L$ $< 1.2 mg/L$ Lemon       IgA       Very Low $0.00 mg/L$ $< 1.95 mg/L$ Lemon       IgG4       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Lime       IgA       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Lime       IgG       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Lime       IgG       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Mango       IgG       Low $3.48 mg/L$ $< 3 mg/L$ Mango       IgG       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Olive       IgG       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Olive       IgG       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Olive       IgG       Very Low $0.00 mg/L$ $< 1.2 mg/L$ Orange       IgG       Moderate $5.63 mg/L$ $< 3 mg/L$ Orange       IgG       Kery Low $0.00 mg/L$ $< 1.2 mg/L$ Papaya       IgG       Low $7.30 mg/L$ $< 4.2 mg/L$ Papaya       IgG       Low $5.2 mg/L$ $< 3.5 m$	Kiwi	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Lemon       IgA       Very Low $0.00 mg/L$ <1.95 mg/L	Kiwi	lgG	Moderate	10.69 mg/L	<5 mg/L
Lemon         IgG         Low $5.98 \text{ mg/L}$ $<3.5 \text{ mg/L}$ Lemon         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lime         IgA         Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ Lime         IgG         Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ Mango         IgA         Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ Mango         IgG         Low $3.48 \text{ mg/L}$ $<3 \text{ mg/L}$ Olive         IgA         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Olive         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Papaya         IgG         Low $7.30 \text{ mg/L}$ $<4 \text{ mg/L}$ Papaya	Kiwi	lgG4	Very Low	0.19 mg/L	<1.2 mg/L
Lemon         IgG4         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Lime         IgA         Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ Lime         IgG         Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ Mango         IgA         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango         IgG         Low $3.48 \text{ mg/L}$ $<3 \text{ mg/L}$ Mango         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Olive         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Olive         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Papaya         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Papaya         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Peach <td>Lemon</td> <td>IgA</td> <td>Very Low</td> <td>0.00 mg/L</td> <td>&lt;1.95 mg/L</td>	Lemon	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Lemon         IgG4         Very Low $0.00 mg/L$ $<1.2 mg/L$ Lime         IgA         Very Low $0.00 mg/L$ $<1.95 mg/L$ Lime         IgG         Very Low $3.76 mg/L$ $<4 mg/L$ Lime         IgG4         Very Low $0.00 mg/L$ $<1.2 mg/L$ Mango         IgA         Very Low $0.00 mg/L$ $<1.2 mg/L$ Mango         IgG         Low $3.48 mg/L$ $<3 mg/L$ Olive         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Olive         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Olive         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Orange         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Orange         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Orange         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Papaya         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Papaya         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$	Lemon	lgG	Low	5.98 mg/L	<3.5 mg/L
Lime         IgA         Very Low $0.00 mg/L$ $<1.95 mg/L$ Lime         IgG         Very Low $3.76 mg/L$ $<4 mg/L$ Lime         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Mango         IgA         Very Low $0.00 mg/L$ $<1.2 mg/L$ Mango         IgG         Low $3.48 mg/L$ $<3 mg/L$ Mango         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Olive         IgG         Very Low $0.00 mg/L$ $<1.2 mg/L$ Olive         IgG         Very Low $0.00 mg/L$ $<1.95 mg/L$ Orange         IgA         Very Low $0.00 mg/L$ $<1.2 mg/L$ Orange         IgG         Moderate $5.63 mg/L$ $<3 mg/L$ Orange         IgG         Low $7.30 mg/L$ $<1.2 mg/L$ Papaya         IgG         Low $7.30 mg/L$ $<1.2 mg/L$ Papaya         IgG         Low $5.52 mg/L$ $<3.5 mg/L$ Peach         IgG         Very Low $0.00 mg/L$ $<1.25 mg/L$ <t< td=""><td>Lemon</td><td>-</td><td>Verv Low</td><td></td><td>&lt;1.2 ma/L</td></t<>	Lemon	-	Verv Low		<1.2 ma/L
Lime         IgG         Very Low $3.76 \text{ mg/L}$ $<4 \text{ mg/L}$ Lime         IgG4         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango         IgA         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Mango         IgG         Low $3.48 \text{ mg/L}$ $<3 \text{ mg/L}$ Mango         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Olive         IgA         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Olive         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgA         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Orange         IgG         Moderate $5.63 \text{ mg/L}$ $<3 \text{ mg/L}$ Orange         IgG4         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Papaya         IgG         Low $7.30 \text{ mg/L}$ $<4 \text{ mg/L}$ Papaya         IgG4         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Peach         IgG         Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ Pear         <				5.	5
LimeIGG4Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ MangoIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ MangoIgGLow $3.48 \text{ mg/L}$ $<3 \text{ mg/L}$ MangoIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ OliveIgAVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ OliveIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ OrangeIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ OrangeIgGModerate $5.63 \text{ mg/L}$ $<3 \text{ mg/L}$ OrangeIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PapayaIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PapayaIgGLow $7.30 \text{ mg/L}$ $<4 \text{ mg/L}$ PapayaIgGLow $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PeachIgAVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PearIgGLow $5.2 \text{ mg/L}$ $<3.5 \text{ mg/L}$ PearIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PineappleIgGLow $2.22 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PineappleIgGLow $2.22 \text{ mg/L}$				5	5
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Persimmon         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Persimmon         IgG         Very Low         2.58 mg/L         <3.5 mg/L	Pear	lgG	Very Low	1.08 mg/L	<4 mg/L
PersimmonIgGVery Low $2.58 mg/L$ $<3.5 mg/L$ PersimmonIgG4Low $2.22 mg/L$ $<1.2 mg/L$ PineappleIgAVery Low $0.00 mg/L$ $<1.95 mg/L$ PineappleIgGLow $12.75 mg/L$ $<8 mg/L$ PineappleIgG4Moderate $5.32 mg/L$ $<1.2 mg/L$ PlumIgAVery Low $0.00 mg/L$ $<1.95 mg/L$ PlumIgGLow $4.43 mg/L$ $<3.2 mg/L$ PlumIgGLow $4.43 mg/L$ $<3.2 mg/L$ RaspberryIgAVery Low $0.00 mg/L$ $<1.95 mg/L$ RaspberryIgGLow $4.12 mg/L$ $<4 mg/L$ RaspberryIgGLow $0.00 mg/L$ $<1.95 mg/L$ StrawberryIgGLow $5.74 mg/L$ $<3 mg/L$ StrawberryIgGVery Low $0.00 mg/L$ $<1.2 mg/L$ WatermelonIgAVery Low $0.00 mg/L$ $<1.95 mg/L$	Pear	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
PersimmonIgG4Low $2.22 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PineappleIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ PineappleIgGLow $12.75 \text{ mg/L}$ $<8 \text{ mg/L}$ PineappleIgG4Moderate $5.32 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PlumIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ PlumIgGLow $4.43 \text{ mg/L}$ $<3.2 \text{ mg/L}$ PlumIgG4Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ RaspberryIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ RaspberryIgGLow $4.12 \text{ mg/L}$ $<4 \text{ mg/L}$ RaspberryIgGLow $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ StrawberryIgGLow $5.74 \text{ mg/L}$ $<3 \text{ mg/L}$ StrawberryIgGVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ StrawberryIgG4Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ StrawberryIgG4Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ WatermelonIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$	Persimmon	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Pineapple         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Pineapple         IgG         Low         12.75 mg/L         <8 mg/L	Persimmon	lgG	Very Low	2.58 mg/L	<3.5 mg/L
PineappleIgGLow $12.75 \text{ mg/L}$ $<8 \text{ mg/L}$ PineappleIgG4Moderate $5.32 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PlumIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ PlumIgGLow $4.43 \text{ mg/L}$ $<3.2 \text{ mg/L}$ PlumIgG4Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ RaspberryIgAVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ RaspberryIgGLow $4.12 \text{ mg/L}$ $<4 \text{ mg/L}$ RaspberryIgGLow $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ StrawberryIgGVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ StrawberryIgGLow $5.74 \text{ mg/L}$ $<3 \text{ mg/L}$ StrawberryIgG4Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ WatermelonIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$	Persimmon	lgG4	Low	2.22 mg/L	<1.2 mg/L
PineappleIgGLow $12.75 \text{ mg/L}$ $<8 \text{ mg/L}$ PineappleIgG4Moderate $5.32 \text{ mg/L}$ $<1.2 \text{ mg/L}$ PlumIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ PlumIgGLow $4.43 \text{ mg/L}$ $<3.2 \text{ mg/L}$ PlumIgG4Very Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ RaspberryIgAVery Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ RaspberryIgGLow $4.12 \text{ mg/L}$ $<4 \text{ mg/L}$ RaspberryIgGLow $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ StrawberryIgGVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$ StrawberryIgGLow $5.74 \text{ mg/L}$ $<3 \text{ mg/L}$ StrawberryIgG4Very Low $0.00 \text{ mg/L}$ $<1.2 \text{ mg/L}$ WatermelonIgAVery Low $0.00 \text{ mg/L}$ $<1.95 \text{ mg/L}$	Pineapple	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Pineapple         IgG4         Moderate         5.32 mg/L         <1.2 mg/L           Plum         IgA         Very Low         0.00 mg/L         <1.95 mg/L		-			
Plum         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Plum         IgG         Low         4.43 mg/L         <3.2 mg/L		-			
Plum         IgG         Low         4.43 mg/L         <3.2 mg/L           Plum         IgG4         Very Low         0.00 mg/L         <1.2 mg/L		-		5	-
Plum         IgG4         Very Low         0.00 mg/L         <1.2 mg/L           Raspberry         IgA         Very Low         0.00 mg/L         <1.95 mg/L					-
Raspberry         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Raspberry         IgG         Low         4.12 mg/L         <4 mg/L		-			
Raspberry         IgG         Low         4.12 mg/L         <4 mg/L           Raspberry         IgG4         Very Low         0.00 mg/L         <1.2 mg/L		-			-
Raspberry         IgG4         Very Low         0.00 mg/L         <1.2 mg/L           Strawberry         IgA         Very Low         0.00 mg/L         <1.95 mg/L		-			
Strawberry         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Strawberry         IgG         Low         5.74 mg/L         <3 mg/L		-		<b>.</b>	
Strawberry         IgG         Low         5.74 mg/L         <3 mg/L           Strawberry         IgG4         Very Low         0.00 mg/L         <1.2 mg/L		-			
Strawberry         IgG4         Very Low         0.00 mg/L         <1.2 mg/L           Watermelon         IgA         Very Low         0.00 mg/L         <1.95 mg/L		-			
Watermelon         IgA         Very Low         0.00 mg/L         <1.95 mg/L           Watermelon         IgG         Low         6.66 mg/L         <4 mg/L		-		5	
Watermelon IgG Low 6.66 mg/L <4 mg/L		-			-
		-		-	-
Watermeion IgG4 Very Low 0.00 mg/L <1.2 mg/L		-			
	watermelon	IgG4	Very Low	0.00 mg/L	<1.2 mg/L

# 144 Food Panel: IgA/IgG/IgG4

**Complete Report** 

Sample Type: DBS Date of Birth: Completed: IgA IgG IgG4

CLIA #: 50D0965661 COLA accredited

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### Miscellaneous

16020 Linden Ave North, Shoreline, WA 98133, USA

Received:

Sex:

Age:

Antigen Name	Analyte	Class	Value	Very Low Range
Baker's / Brewer's Yeast	IgA	Low	2.15 mg/L	<1.95 mg/L
Baker's / Brewer's Yeast	lgG	High	21.43 mg/L	<3.5 mg/L
Baker's / Brewer's Yeast	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Black Tea	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Black Tea	lgG	Low	9.96 mg/L	<6 mg/L
Black Tea	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Button Mushroom	IgA	Low	2.36 mg/L	<1.95 mg/L
Button Mushroom	lgG	Very Low	6.31 mg/L	<8 mg/L
Button Mushroom	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Cane Sugar	IgA	Low	2.27 mg/L	<1.95 mg/L
Cane Sugar	lgG	High	40.50 mg/L	<12 mg/L
Cane Sugar	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Cocoa Bean (Chocolate)	IgA	Very Low	3.04 mg/L	<5 mg/L
Cocoa Bean (Chocolate)	lgG	Very High	62.81 mg/L	<24 mg/L
Cocoa Bean (Chocolate)	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Coffee Bean	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Coffee Bean	lgG	Moderate	14.36 mg/L	<8 mg/L
Coffee Bean	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Flaxseed	lgA	Very Low	0.00 mg/L	<1.95 mg/L
Flaxseed	lgG	Very Low	1.70 mg/L	<3 mg/L
Flaxseed	IgG4	Very Low	0.00 mg/L	<1.2 mg/L
Honey	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Honey	lgG	Very Low	2.88 mg/L	<4 mg/L
Honey	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Hops	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Hops	lgG	Very Low	9.46 mg/L	<10 mg/L
Hops	lgG4	Very Low	0.00 mg/L	<1.2 mg/L
Sesame Seed	IgA	Very Low	1.64 mg/L	<1.95 mg/L
Sesame Seed	lgG	High	21.23 mg/L	<8 mg/L
Sesame Seed	lgG4	Very Low	0.69 mg/L	<1.2 mg/L
Sunflower Seed	IgA	Very Low	0.00 mg/L	<1.95 mg/L
Sunflower Seed	lgG	Low	3.91 mg/L	<3.5 mg/L
Sunflower Seed	lgG4	Low	4.17 mg/L	<1.2 mg/L
Candida Screen				Venula
Antigen Name	Analyte	Class	Value	Very Low

Analyte	Class	Value	Very Lov Range
lgA	Low	3.34 mg/L	<1.95 mg/L
lgG	Very High	73.98 mg/L	<25 mg/L
lgG4	Very Low	0.00 mg/L	<1.2 mg/L
	lgA lgG	IgA Low IgG Very High	IgA Low 3.34 mg/L IgG Very High 73.98 mg/L

US BioTek Laboratories' proprietary ELISA analyses are designed to assay specific IgG (subclasses 1, 2, 3, 4) and IgA (subclasses 1, 2) antibodies. The classification of 0 to IV denotes the level of IgG and/or IgA antibodies detected through spectrophotometric analysis. The antigens on the panel are subject to change without prior notice. Reference ranges are updated periodically. This test was developed and its performance characteristics determined by US BioTek Laboratories, LLC, 16020 Linden Ave N, Shoreline, WA 98133, USA. Test methodology has not been cleared or approved by the U.S. Food and Drug Administration.