






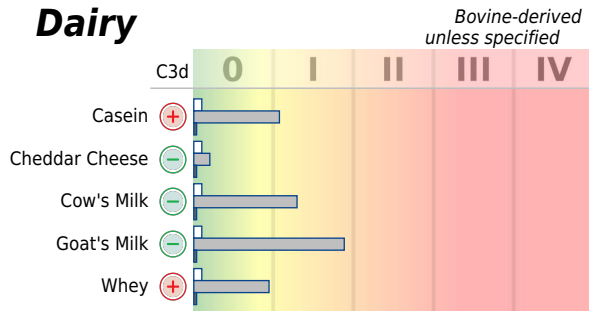
**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

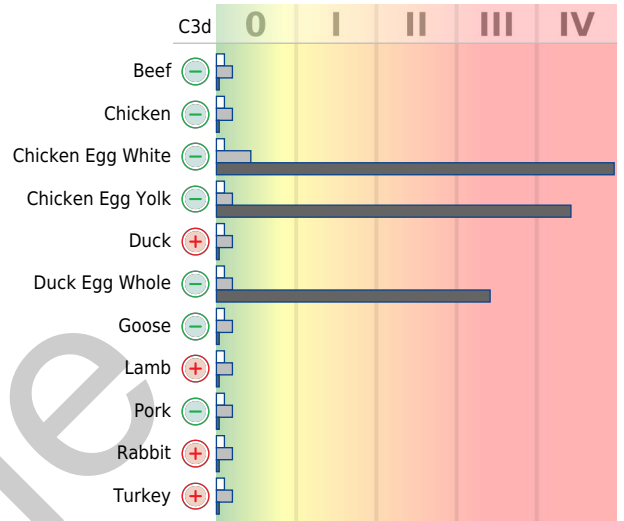
**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
IgG   
IgG4   
C3d  

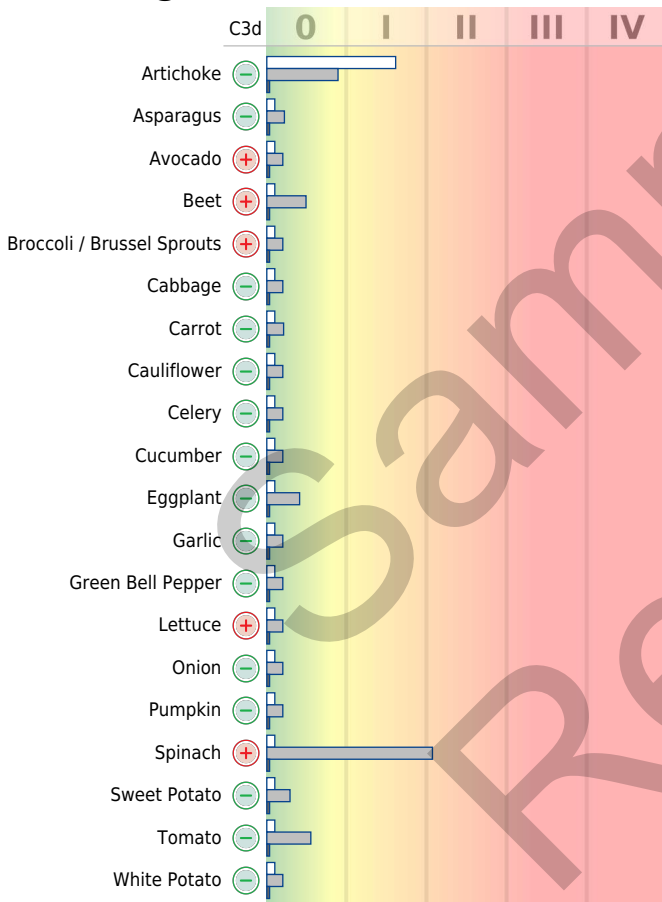
**Dairy**



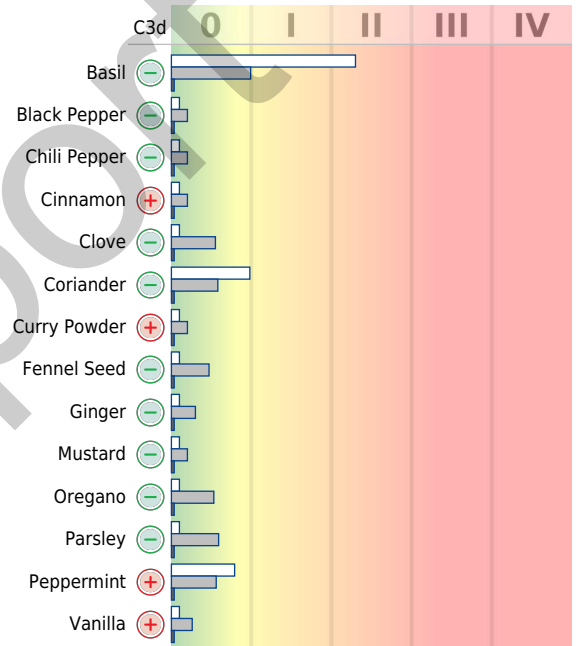
**Egg/Meat/Poultry**



**Vegetables**



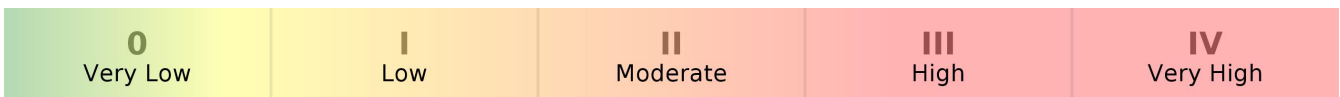
**Herbs/Spices**



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Reaction Class

Director: Jillian Harrington, PhD, HCLD (ABB)








US BioTek Laboratories' proprietary EUSA 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. C3d is a qualitative procedure to detect presence (positive/negative) of complement C3d on IgG. 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.

**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

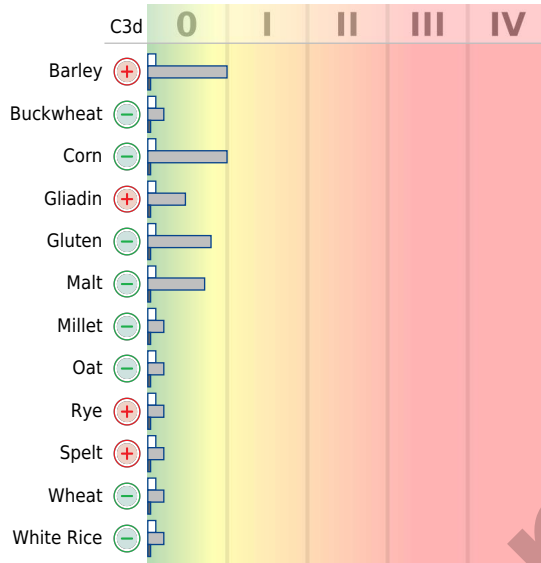
**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

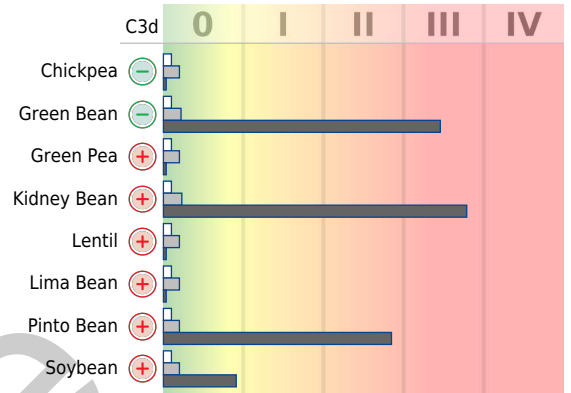
IgA   
IgG   
IgG4   
C3d  

**Grains**

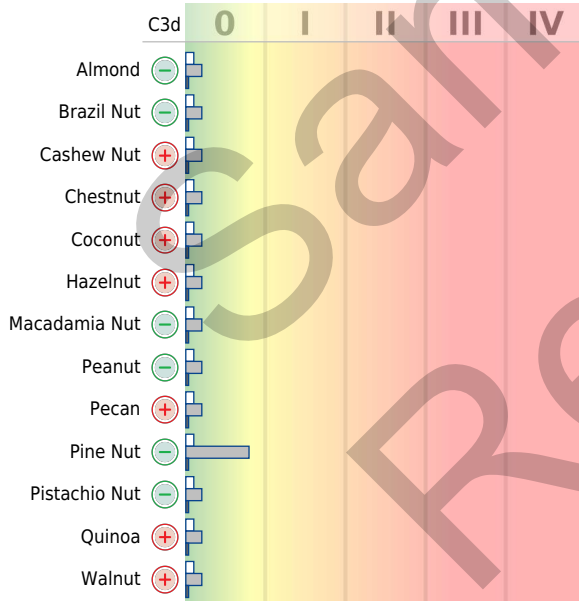
*Bovine-derived*



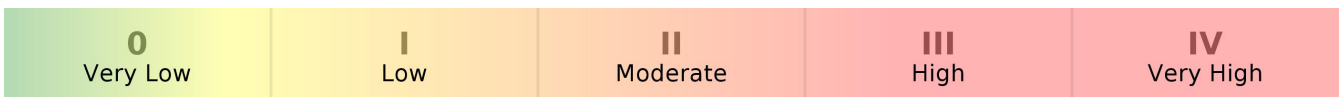
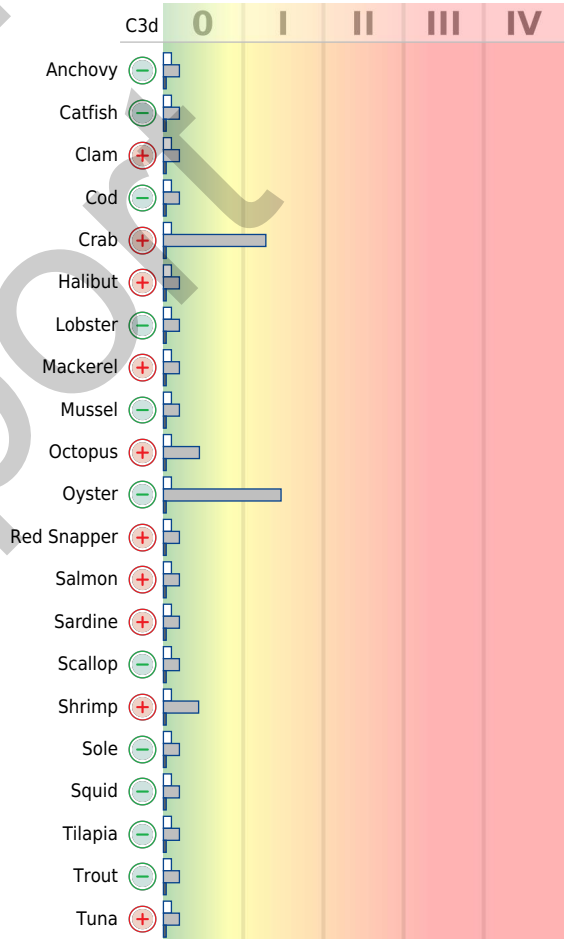
**Legumes**



**Nuts/Seeds**








**Fish/Crustacea/Mollusk**



**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

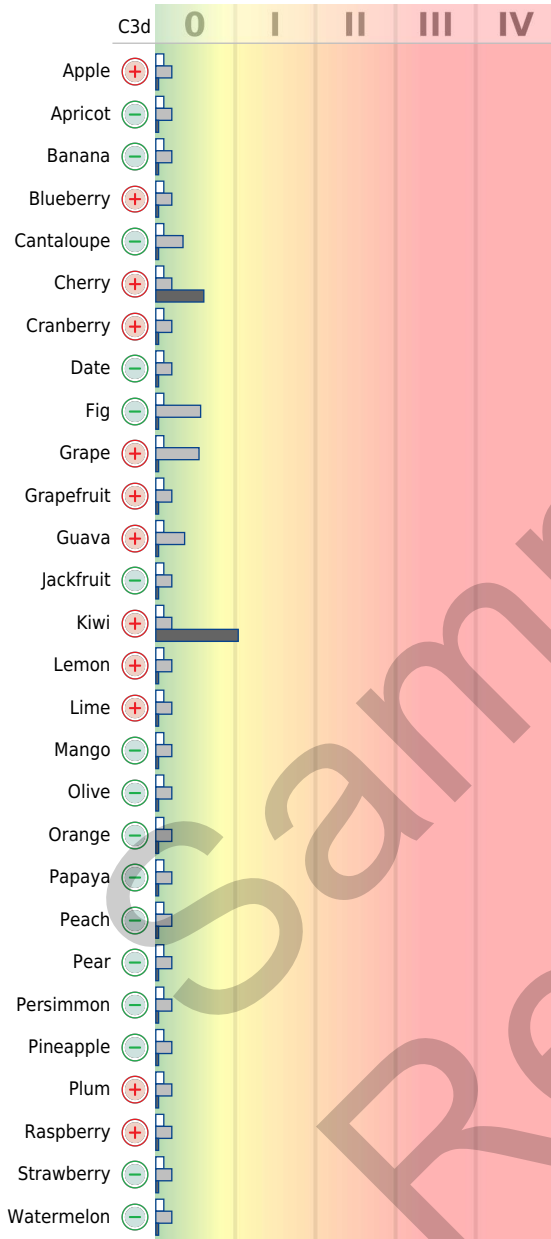
**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

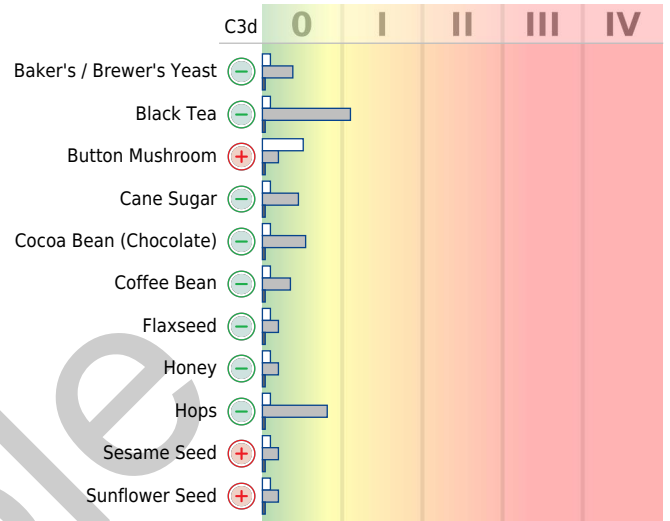
IgA   
IgG   
IgG4   
C3d  

**Fruits**

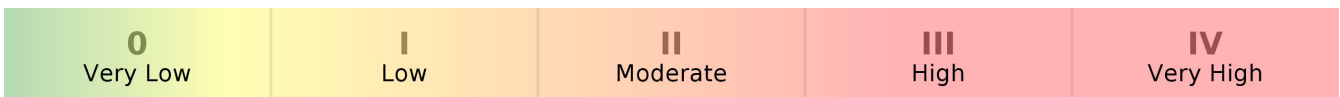
*Bovine-derived*



**Miscellaneous**



**Candida Screen**



**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
IgG   
IgG4   
C3d

**Candida Screen**

| Antigen Name     | Analyte | Class    | Value     | Very Low Range |
|------------------|---------|----------|-----------|----------------|
| Candida albicans | IgA     | Very Low | 0.00 mg/L | <2.75 mg/L     |
| Candida albicans | IgG     | Very Low | 2.58 mg/L | <25 mg/L       |
| Candida albicans | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Candida albicans | C3d     | Negative |           |                |

**Dairy**

| Antigen Name   | Analyte | Class    | Value     | Very Low Range |
|----------------|---------|----------|-----------|----------------|
| Casein         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Casein         | IgG     | Low      | 2.15 mg/L | <2 mg/L        |
| Casein         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Casein         | C3d     | Positive |           |                |
| Cheddar Cheese | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cheddar Cheese | IgG     | Very Low | 0.30 mg/L | <2 mg/L        |
| Cheddar Cheese | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cheddar Cheese | C3d     | Negative |           |                |
| Cow's Milk     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cow's Milk     | IgG     | Low      | 2.59 mg/L | <2 mg/L        |
| Cow's Milk     | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cow's Milk     | C3d     | Negative |           |                |
| Goat's Milk    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Goat's Milk    | IgG     | Low      | 3.77 mg/L | <2 mg/L        |
| Goat's Milk    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Goat's Milk    | C3d     | Negative |           |                |
| Whey           | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Whey           | IgG     | Very Low | 1.88 mg/L | <2 mg/L        |
| Whey           | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Whey           | C3d     | Positive |           |                |

**Egg/Meat/Poultry**

| Antigen Name      | Analyte | Class     | Value      | Very Low Range |
|-------------------|---------|-----------|------------|----------------|
| Beef              | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Beef              | IgG     | Very Low  | 0.00 mg/L  | <2 mg/L        |
| Beef              | IgG4    | Very Low  | 0.00 mg/L  | <1.2 mg/L      |
| Beef              | C3d     | Negative  |            |                |
| Chicken           | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Chicken           | IgG     | Very Low  | 0.00 mg/L  | <2 mg/L        |
| Chicken           | IgG4    | Very Low  | 0.00 mg/L  | <1.2 mg/L      |
| Chicken           | C3d     | Negative  |            |                |
| Chicken Egg White | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Chicken Egg White | IgG     | Very Low  | 0.87 mg/L  | <2 mg/L        |
| Chicken Egg White | IgG4    | Very High | 39.37 mg/L | <1.2 mg/L      |
| Chicken Egg White | C3d     | Negative  |            |                |
| Chicken Egg Yolk  | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Chicken Egg Yolk  | IgG     | Very Low  | 0.36 mg/L  | <2 mg/L        |
| Chicken Egg Yolk  | IgG4    | Very High | 28.02 mg/L | <1.2 mg/L      |
| Chicken Egg Yolk  | C3d     | Negative  |            |                |
| Duck              | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Duck              | IgG     | Very Low  | 0.00 mg/L  | <2 mg/L        |
| Duck              | IgG4    | Very Low  | 0.00 mg/L  | <1.2 mg/L      |
| Duck              | C3d     | Positive  |            |                |
| Duck Egg Whole    | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Duck Egg Whole    | IgG     | Very Low  | 0.00 mg/L  | <2 mg/L        |
| Duck Egg Whole    | IgG4    | High      | 13.38 mg/L | <1.2 mg/L      |
| Duck Egg Whole    | C3d     | Negative  |            |                |
| Goose             | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Goose             | IgG     | Very Low  | 0.00 mg/L  | <2 mg/L        |
| Goose             | IgG4    | Very Low  | 0.00 mg/L  | <1.2 mg/L      |
| Goose             | C3d     | Negative  |            |                |
| Lamb              | IgA     | Very Low  | 0.00 mg/L  | <1.95 mg/L     |
| Lamb              | IgG     | Very Low  | 0.00 mg/L  | <2 mg/L        |

*Bovine-derived*

**Egg/Meat/Poultry (Continued)**

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Lamb         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Lamb         | C3d     | Positive |           |                |
| Pork         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Pork         | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Pork         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Pork         | C3d     | Negative |           |                |
| Rabbit       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Rabbit       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Rabbit       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Rabbit       | C3d     | Positive |           |                |
| Turkey       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Turkey       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Turkey       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Turkey       | C3d     | Positive |           |                |

**Fish/Crustacea/Mollusk**

| Antigen Name | Analyte | Class    | Value      | Very Low Range |
|--------------|---------|----------|------------|----------------|
| Anchovy      | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Anchovy      | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Anchovy      | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Anchovy      | C3d     | Negative |            |                |
| Catfish      | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Catfish      | IgG     | Very Low | 0.01 mg/L  | <2 mg/L        |
| Catfish      | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Catfish      | C3d     | Negative |            |                |
| Clam         | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Clam         | IgG     | Very Low | 0.06 mg/L  | <2 mg/L        |
| Clam         | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Clam         | C3d     | Positive |            |                |
| Cod          | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Cod          | IgG     | Very Low | 0.28 mg/L  | <3 mg/L        |
| Cod          | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Cod          | C3d     | Negative |            |                |
| Crab         | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Crab         | IgG     | Low      | 2.57 mg/L  | <2 mg/L        |
| Crab         | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Crab         | C3d     | Positive |            |                |
| Halibut      | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Halibut      | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Halibut      | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Halibut      | C3d     | Positive |            |                |
| Lobster      | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Lobster      | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Lobster      | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Lobster      | C3d     | Negative |            |                |
| Mackerel     | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Mackerel     | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Mackerel     | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Mackerel     | C3d     | Positive |            |                |
| Mussel       | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Mussel       | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Mussel       | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Mussel       | C3d     | Negative |            |                |
| Octopus      | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Octopus      | IgG     | Very Low | 0.91 mg/L  | <2 mg/L        |
| Octopus      | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Octopus      | C3d     | Positive |            |                |
| Oyster       | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Oyster       | IgG     | Low      | 19.80 mg/L | <16 mg/L       |
| Oyster       | IgG4    | Very Low | 0.00 mg/L  | <1.2 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. C3d is a qualitative procedure to detect presence (positive/negative) of complement C3d on IgG. 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.

**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
 IgG   
 IgG4   
 C3d

### Fish/Crustacea/Mollusk (Continued)

*Bovine-derived*

### Fruits (Continued)

| Antigen Name | Analyte | Class    | Value     | Very Low Range | Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|--------------|---------|----------|-----------|----------------|
| Oyster       | C3d     | Negative |           |                | Cantaloupe   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Red Snapper  | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Cantaloupe   | IgG     | Very Low | 4.17 mg/L | <12 mg/L       |
| Red Snapper  | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Cantaloupe   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Red Snapper  | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Cantaloupe   | C3d     | Negative |           |                |
| Red Snapper  | C3d     | Positive |           |                | Cherry       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Salmon       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Cherry       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Salmon       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Cherry       | IgG4    | Very Low | 0.73 mg/L | <1.2 mg/L      |
| Salmon       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Cherry       | C3d     | Positive |           |                |
| Salmon       | C3d     | Positive |           |                | Cranberry    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Sardine      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Cranberry    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Sardine      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Cranberry    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Sardine      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Cranberry    | C3d     | Positive |           |                |
| Sardine      | C3d     | Positive |           |                | Date         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Scallop      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Date         | IgG     | Very Low | 0.00 mg/L | <5 mg/L        |
| Scallop      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Date         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Scallop      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Date         | C3d     | Negative |           |                |
| Scallop      | C3d     | Negative |           |                | Fig          | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Shrimp       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Fig          | IgG     | Very Low | 5.65 mg/L | <10 mg/L       |
| Shrimp       | IgG     | Very Low | 0.88 mg/L | <2 mg/L        | Fig          | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Shrimp       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Fig          | C3d     | Negative |           |                |
| Shrimp       | C3d     | Positive |           |                | Grape        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Sole         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Grape        | IgG     | Very Low | 2.74 mg/L | <5 mg/L        |
| Sole         | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Grape        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Sole         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Grape        | C3d     | Positive |           |                |
| Sole         | C3d     | Negative |           |                | Grapefruit   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Squid        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Grapefruit   | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Squid        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Grapefruit   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Squid        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Grapefruit   | C3d     | Positive |           |                |
| Squid        | C3d     | Negative |           |                | Guava        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Tilapia      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Guava        | IgG     | Very Low | 1.47 mg/L | <2 mg/L        |
| Tilapia      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Guava        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Tilapia      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Guava        | C3d     | Positive |           |                |
| Tilapia      | C3d     | Negative |           |                | Jackfruit    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Trout        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Jackfruit    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Trout        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Jackfruit    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Trout        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Jackfruit    | C3d     | Negative |           |                |
| Trout        | C3d     | Negative |           |                | Kiwi         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Tuna         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     | Kiwi         | IgG     | Very Low | 0.43 mg/L | <4 mg/L        |
| Tuna         | IgG     | Very Low | 0.00 mg/L | <2 mg/L        | Kiwi         | IgG4    | Low      | 1.32 mg/L | <1.2 mg/L      |
| Tuna         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      | Kiwi         | C3d     | Positive |           |                |
| Tuna         | C3d     | Positive |           |                | Lemon        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
|              |         |          |           |                | Lemon        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
|              |         |          |           |                | Lemon        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
|              |         |          |           |                | Lemon        | C3d     | Positive |           |                |
|              |         |          |           |                | Lime         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
|              |         |          |           |                | Lime         | IgG     | Very Low | 0.00 mg/L | <4 mg/L        |
|              |         |          |           |                | Lime         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
|              |         |          |           |                | Lime         | C3d     | Positive |           |                |
|              |         |          |           |                | Mango        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
|              |         |          |           |                | Mango        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
|              |         |          |           |                | Mango        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
|              |         |          |           |                | Mango        | C3d     | Negative |           |                |
|              |         |          |           |                | Olive        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
|              |         |          |           |                | Olive        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
|              |         |          |           |                | Olive        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
|              |         |          |           |                | Olive        | C3d     | Negative |           |                |
|              |         |          |           |                | Orange       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
|              |         |          |           |                | Orange       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
|              |         |          |           |                | Orange       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
|              |         |          |           |                | Orange       | C3d     | Negative |           |                |

### Fruits

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Apple        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Apple        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Apple        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Apple        | C3d     | Positive |           |                |
| Apricot      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Apricot      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Apricot      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Apricot      | C3d     | Negative |           |                |
| Banana       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Banana       | IgG     | Very Low | 0.00 mg/L | <6 mg/L        |
| Banana       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Banana       | C3d     | Negative |           |                |
| Blueberry    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Blueberry    | IgG     | Very Low | 0.00 mg/L | <3 mg/L        |
| Blueberry    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Blueberry    | C3d     | Positive |           |                |

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. C3d is a qualitative procedure to detect presence (positive/negative) of complement C3d on IgG. 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.

**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
IgG   
IgG4   
C3d

**Fruits (Continued)**

| Antigen Name | Analyte | Class    | Bovine-derived |                |
|--------------|---------|----------|----------------|----------------|
|              |         |          | Value          | Very Low Range |
| Papaya       | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Papaya       | IgG     | Very Low | 0.33 mg/L      | <2 mg/L        |
| Papaya       | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Papaya       | C3d     | Negative |                |                |
| Peach        | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Peach        | IgG     | Very Low | 0.00 mg/L      | <2 mg/L        |
| Peach        | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Peach        | C3d     | Negative |                |                |
| Pear         | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Pear         | IgG     | Very Low | 0.00 mg/L      | <2 mg/L        |
| Pear         | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Pear         | C3d     | Negative |                |                |
| Persimmon    | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Persimmon    | IgG     | Very Low | 0.00 mg/L      | <5 mg/L        |
| Persimmon    | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Persimmon    | C3d     | Negative |                |                |
| Pineapple    | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Pineapple    | IgG     | Very Low | 1.15 mg/L      | <8 mg/L        |
| Pineapple    | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Pineapple    | C3d     | Negative |                |                |
| Plum         | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Plum         | IgG     | Very Low | 0.00 mg/L      | <2 mg/L        |
| Plum         | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Plum         | C3d     | Positive |                |                |
| Raspberry    | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Raspberry    | IgG     | Very Low | 0.00 mg/L      | <2 mg/L        |
| Raspberry    | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Raspberry    | C3d     | Positive |                |                |
| Strawberry   | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Strawberry   | IgG     | Very Low | 0.00 mg/L      | <2 mg/L        |
| Strawberry   | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Strawberry   | C3d     | Negative |                |                |
| Watermelon   | IgA     | Very Low | 0.00 mg/L      | <1.95 mg/L     |
| Watermelon   | IgG     | Very Low | 0.00 mg/L      | <4 mg/L        |
| Watermelon   | IgG4    | Very Low | 0.00 mg/L      | <1.2 mg/L      |
| Watermelon   | C3d     | Negative |                |                |

**Grains**

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Barley       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Barley       | IgG     | Very Low | 7.98 mg/L | <8 mg/L        |
| Barley       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Barley       | C3d     | Positive |           |                |
| Buckwheat    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Buckwheat    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Buckwheat    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Buckwheat    | C3d     | Negative |           |                |
| Corn         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Corn         | IgG     | Very Low | 3.99 mg/L | <4 mg/L        |
| Corn         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Corn         | C3d     | Negative |           |                |
| Gliadin      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Gliadin      | IgG     | Very Low | 2.38 mg/L | <5 mg/L        |
| Gliadin      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Gliadin      | C3d     | Positive |           |                |
| Gluten       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Gluten       | IgG     | Very Low | 1.59 mg/L | <2 mg/L        |
| Gluten       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Gluten       | C3d     | Negative |           |                |
| Malt         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |

**Grains (Continued)**

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Malt         | IgG     | Very Low | 5.72 mg/L | <8 mg/L        |
| Malt         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Malt         | C3d     | Negative |           |                |
| Millet       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Millet       | IgG     | Very Low | 0.04 mg/L | <4 mg/L        |
| Millet       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Millet       | C3d     | Negative |           |                |
| Oat          | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Oat          | IgG     | Very Low | 0.09 mg/L | <2 mg/L        |
| Oat          | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Oat          | C3d     | Negative |           |                |
| Rye          | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Rye          | IgG     | Very Low | 0.00 mg/L | <4 mg/L        |
| Rye          | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Rye          | C3d     | Positive |           |                |
| Spelt        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Spelt        | IgG     | Very Low | 1.23 mg/L | <6 mg/L        |
| Spelt        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Spelt        | C3d     | Positive |           |                |
| Wheat        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Wheat        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Wheat        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Wheat        | C3d     | Negative |           |                |
| White Rice   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| White Rice   | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| White Rice   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| White Rice   | C3d     | Negative |           |                |

**Herbs/Spices**

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Basil        | IgA     | Moderate | 5.09 mg/L | <1.95 mg/L     |
| Basil        | IgG     | Very Low | 7.94 mg/L | <8 mg/L        |
| Basil        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Basil        | C3d     | Negative |           |                |
| Black Pepper | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Black Pepper | IgG     | Very Low | 2.91 mg/L | <15 mg/L       |
| Black Pepper | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Black Pepper | C3d     | Negative |           |                |
| Chili Pepper | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Chili Pepper | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Chili Pepper | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Chili Pepper | C3d     | Negative |           |                |
| Cinnamon     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cinnamon     | IgG     | Very Low | 0.36 mg/L | <5 mg/L        |
| Cinnamon     | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cinnamon     | C3d     | Positive |           |                |
| Clove        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Clove        | IgG     | Very Low | 2.79 mg/L | <5 mg/L        |
| Clove        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Clove        | C3d     | Negative |           |                |
| Coriander    | IgA     | Very Low | 1.91 mg/L | <1.95 mg/L     |
| Coriander    | IgG     | Very Low | 6.96 mg/L | <12 mg/L       |
| Coriander    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Coriander    | C3d     | Negative |           |                |
| Curry Powder | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Curry Powder | IgG     | Very Low | 0.32 mg/L | <5 mg/L        |
| Curry Powder | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Curry Powder | C3d     | Positive |           |                |
| Fennel Seed  | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Fennel Seed  | IgG     | Very Low | 0.94 mg/L | <2 mg/L        |

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**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
IgG   
IgG4   
C3d

**Herbs/Spices (Continued)**

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Fennel Seed  | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Fennel Seed  | C3d     | Negative |           |                |
| Ginger       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Ginger       | IgG     | Very Low | 3.68 mg/L | <12 mg/L       |
| Ginger       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Ginger       | C3d     | Negative |           |                |
| Mustard      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Mustard      | IgG     | Very Low | 0.00 mg/L | <5 mg/L        |
| Mustard      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Mustard      | C3d     | Negative |           |                |
| Oregano      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Oregano      | IgG     | Very Low | 3.19 mg/L | <6 mg/L        |
| Oregano      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Oregano      | C3d     | Negative |           |                |
| Parsley      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Parsley      | IgG     | Very Low | 2.95 mg/L | <5 mg/L        |
| Parsley      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Parsley      | C3d     | Negative |           |                |
| Peppermint   | IgA     | Very Low | 1.54 mg/L | <1.95 mg/L     |
| Peppermint   | IgG     | Very Low | 5.61 mg/L | <10 mg/L       |
| Peppermint   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Peppermint   | C3d     | Positive |           |                |
| Vanilla      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Vanilla      | IgG     | Very Low | 7.50 mg/L | <16 mg/L       |
| Vanilla      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Vanilla      | C3d     | Positive |           |                |

**Legumes**

| Antigen Name | Analyte | Class    | Value      | Very Low Range |
|--------------|---------|----------|------------|----------------|
| Chickpea     | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Chickpea     | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Chickpea     | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Chickpea     | C3d     | Negative |            |                |
| Green Bean   | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Green Bean   | IgG     | Very Low | 1.80 mg/L  | <8 mg/L        |
| Green Bean   | IgG4    | High     | 13.77 mg/L | <1.2 mg/L      |
| Green Bean   | C3d     | Negative |            |                |
| Green Pea    | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Green Pea    | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Green Pea    | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Green Pea    | C3d     | Positive |            |                |
| Kidney Bean  | IgA     | Very Low | 0.06 mg/L  | <1.95 mg/L     |
| Kidney Bean  | IgG     | Very Low | 1.86 mg/L  | <8 mg/L        |
| Kidney Bean  | IgG4    | High     | 16.84 mg/L | <1.2 mg/L      |
| Kidney Bean  | C3d     | Positive |            |                |
| Lentil       | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Lentil       | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Lentil       | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Lentil       | C3d     | Positive |            |                |
| Lima Bean    | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Lima Bean    | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Lima Bean    | IgG4    | Very Low | 0.00 mg/L  | <1.2 mg/L      |
| Lima Bean    | C3d     | Positive |            |                |
| Pinto Bean   | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Pinto Bean   | IgG     | Very Low | 0.00 mg/L  | <4 mg/L        |
| Pinto Bean   | IgG4    | Moderate | 8.70 mg/L  | <1.2 mg/L      |
| Pinto Bean   | C3d     | Positive |            |                |
| Soybean      | IgA     | Very Low | 0.00 mg/L  | <1.95 mg/L     |
| Soybean      | IgG     | Very Low | 0.00 mg/L  | <2 mg/L        |
| Soybean      | IgG4    | Very Low | 1.09 mg/L  | <1.2 mg/L      |

*Bovine-derived*

**Legumes (Continued)**

| Antigen Name             | Analyte | Class    | Value     | Very Low Range |
|--------------------------|---------|----------|-----------|----------------|
| Soybean                  | C3d     | Positive |           |                |
| <b>Miscellaneous</b>     |         |          |           |                |
| Antigen Name             | Analyte | Class    | Value     | Very Low Range |
| Baker's / Brewer's Yeast | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Baker's / Brewer's Yeast | IgG     | Very Low | 1.33 mg/L | <5 mg/L        |
| Baker's / Brewer's Yeast | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Baker's / Brewer's Yeast | C3d     | Negative |           |                |
| Black Tea                | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Black Tea                | IgG     | Low      | 2.21 mg/L | <2 mg/L        |
| Black Tea                | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Black Tea                | C3d     | Negative |           |                |
| Button Mushroom          | IgA     | Very Low | 1.00 mg/L | <1.95 mg/L     |
| Button Mushroom          | IgG     | Very Low | 0.42 mg/L | <5 mg/L        |
| Button Mushroom          | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Button Mushroom          | C3d     | Positive |           |                |
| Cane Sugar               | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cane Sugar               | IgG     | Very Low | 9.19 mg/L | <20 mg/L       |
| Cane Sugar               | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cane Sugar               | C3d     | Negative |           |                |
| Cocoa Bean (Chocolate)   | IgA     | Very Low | 0.00 mg/L | <5 mg/L        |
| Cocoa Bean (Chocolate)   | IgG     | Very Low | 3.25 mg/L | <6 mg/L        |
| Cocoa Bean (Chocolate)   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cocoa Bean (Chocolate)   | C3d     | Negative |           |                |
| Coffee Bean              | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Coffee Bean              | IgG     | Very Low | 2.11 mg/L | <6 mg/L        |
| Coffee Bean              | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Coffee Bean              | C3d     | Negative |           |                |
| Flaxseed                 | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Flaxseed                 | IgG     | Very Low | 0.00 mg/L | <3 mg/L        |
| Flaxseed                 | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Flaxseed                 | C3d     | Negative |           |                |
| Honey                    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Honey                    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Honey                    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Honey                    | C3d     | Negative |           |                |
| Hops                     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Hops                     | IgG     | Very Low | 2.04 mg/L | <2 mg/L        |
| Hops                     | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Hops                     | C3d     | Negative |           |                |
| Sesame Seed              | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Sesame Seed              | IgG     | Very Low | 0.00 mg/L | <8 mg/L        |
| Sesame Seed              | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Sesame Seed              | C3d     | Positive |           |                |
| Sunflower Seed           | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Sunflower Seed           | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Sunflower Seed           | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Sunflower Seed           | C3d     | Positive |           |                |

**Nuts/Seeds**

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Almond       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Almond       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Almond       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Almond       | C3d     | Negative |           |                |
| Brazil Nut   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Brazil Nut   | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Brazil Nut   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Brazil Nut   | C3d     | Negative |           |                |
| Cashew Nut   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |

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**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
 IgG   
 IgG4   
 C3d

### Nuts/Seeds (Continued)

| Antigen Name  | Analyte | Class    | Value     | Very Low Range |
|---------------|---------|----------|-----------|----------------|
| Cashew Nut    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Cashew Nut    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cashew Nut    | C3d     | Positive |           |                |
| Chestnut      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Chestnut      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Chestnut      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Chestnut      | C3d     | Positive |           |                |
| Coconut       | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Coconut       | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Coconut       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Coconut       | C3d     | Positive |           |                |
| Hazelnut      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Hazelnut      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Hazelnut      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Hazelnut      | C3d     | Positive |           |                |
| Macadamia Nut | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Macadamia Nut | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Macadamia Nut | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Macadamia Nut | C3d     | Negative |           |                |
| Peanut        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Peanut        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Peanut        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Peanut        | C3d     | Negative |           |                |
| Pecan         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Pecan         | IgG     | Very Low | 0.04 mg/L | <2 mg/L        |
| Pecan         | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Pecan         | C3d     | Positive |           |                |
| Pine Nut      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Pine Nut      | IgG     | Very Low | 1.59 mg/L | <2 mg/L        |
| Pine Nut      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Pine Nut      | C3d     | Negative |           |                |
| Pistachio Nut | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Pistachio Nut | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Pistachio Nut | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Pistachio Nut | C3d     | Negative |           |                |
| Quinoa        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Quinoa        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Quinoa        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Quinoa        | C3d     | Positive |           |                |
| Walnut        | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Walnut        | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Walnut        | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Walnut        | C3d     | Positive |           |                |

### Bovine-derived

### Vegetables (Continued)

| Antigen Name               | Analyte | Class    | Value     | Very Low Range |
|----------------------------|---------|----------|-----------|----------------|
| Beet                       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Beet                       | C3d     | Positive |           |                |
| Broccoli / Brussel Sprouts | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Broccoli / Brussel Sprouts | IgG     | Very Low | 0.00 mg/L | <7.5 mg/L      |
| Broccoli / Brussel Sprouts | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Broccoli / Brussel Sprouts | C3d     | Positive |           |                |
| Cabbage                    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cabbage                    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Cabbage                    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cabbage                    | C3d     | Negative |           |                |
| Carrot                     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Carrot                     | IgG     | Very Low | 1.75 mg/L | <8 mg/L        |
| Carrot                     | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Carrot                     | C3d     | Negative |           |                |
| Cauliflower                | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cauliflower                | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Cauliflower                | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cauliflower                | C3d     | Negative |           |                |
| Celery                     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Celery                     | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Celery                     | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Celery                     | C3d     | Negative |           |                |
| Cucumber                   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Cucumber                   | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Cucumber                   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Cucumber                   | C3d     | Negative |           |                |
| Eggplant                   | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Eggplant                   | IgG     | Very Low | 0.83 mg/L | <2 mg/L        |
| Eggplant                   | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Eggplant                   | C3d     | Negative |           |                |
| Garlic                     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Garlic                     | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Garlic                     | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Garlic                     | C3d     | Negative |           |                |
| Green Bell Pepper          | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Green Bell Pepper          | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Green Bell Pepper          | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Green Bell Pepper          | C3d     | Negative |           |                |
| Lettuce                    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Lettuce                    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Lettuce                    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Lettuce                    | C3d     | Positive |           |                |
| Onion                      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Onion                      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Onion                      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Onion                      | C3d     | Negative |           |                |
| Pumpkin                    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Pumpkin                    | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Pumpkin                    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Pumpkin                    | C3d     | Negative |           |                |
| Spinach                    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Spinach                    | IgG     | Moderate | 4.90 mg/L | <2 mg/L        |
| Spinach                    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Spinach                    | C3d     | Positive |           |                |
| Sweet Potato               | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Sweet Potato               | IgG     | Very Low | 0.59 mg/L | <2 mg/L        |
| Sweet Potato               | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Sweet Potato               | C3d     | Negative |           |                |
| Tomato                     | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Tomato                     | IgG     | Very Low | 2.78 mg/L | <3 mg/L        |

### Vegetables

| Antigen Name | Analyte | Class    | Value     | Very Low Range |
|--------------|---------|----------|-----------|----------------|
| Artichoke    | IgA     | Low      | 3.15 mg/L | <1.95 mg/L     |
| Artichoke    | IgG     | Very Low | 5.39 mg/L | <6 mg/L        |
| Artichoke    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Artichoke    | C3d     | Negative |           |                |
| Asparagus    | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Asparagus    | IgG     | Very Low | 1.13 mg/L | <5 mg/L        |
| Asparagus    | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Asparagus    | C3d     | Negative |           |                |
| Avocado      | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Avocado      | IgG     | Very Low | 0.00 mg/L | <2 mg/L        |
| Avocado      | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L      |
| Avocado      | C3d     | Positive |           |                |
| Beet         | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L     |
| Beet         | IgG     | Very Low | 0.98 mg/L | <2 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. C3d is a qualitative procedure to detect presence (positive/negative) of complement C3d on IgG. 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.

**Provider:** \_\_\_\_\_  
**Patient:** \_\_\_\_\_  
**Accession #:** \_\_\_\_\_  
**Collected:** \_\_\_\_\_

**Sex:** \_\_\_\_\_  
**Age:** \_\_\_\_\_  
**Received:** \_\_\_\_\_

**Sample Type:** Serum  
**Date of Birth:** \_\_\_\_\_  
**Completed:** \_\_\_\_\_

IgA   
 IgG   
 IgG4   
 C3d

**Vegetables (Continued)**

| Antigen Name | Analyte | Class    | Value     | <i>Bovine-derived</i> |
|--------------|---------|----------|-----------|-----------------------|
|              |         |          |           | Very Low Range        |
| Tomato       | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L             |
| Tomato       | C3d     | Negative |           |                       |
| White Potato | IgA     | Very Low | 0.00 mg/L | <1.95 mg/L            |
| White Potato | IgG     | Very Low | 0.00 mg/L | <2 mg/L               |
| White Potato | IgG4    | Very Low | 0.00 mg/L | <1.2 mg/L             |
| White Potato | C3d     | Negative |           |                       |

Sample Report