

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #:

601440

Physician Name:

Patient Name:

Jessica Vijay Murugesu

Date of Collection:

7/27/2018

Patient Age:

7

Time of Collection:

03:00 AM

Sex:

F

Print Date:

8/10/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Dairy

Casein	7.86
Cheese	6.92
Goat's Milk	2.53
Cow's Milk	6.68
Mozzarella Cheese	4.88
Whey	4.69
Yogurt	6.42

Legumes - Beans and Peas

Garbanzo Bean	1.84
Green Bean	2.61
Kidney Bean	2.40
Lentil	1.32
Lima Bean	1.22
Pea	1.77
Pinto Bean	2.38
Soybean	1.38

Fruit

Apple	1.24
Apricot	1.35
Banana	1.53
Blueberry	1.19
Coconut	1.80
Cranberry	1.82
Grape	1.39
Grapefruit	1.58
Lemon	1.78
Orange	1.90
Papaya	1.28
Peach	1.11
Pear	1.27
Pineapple	1.45
Plum (Prune)	1.06
Strawberry	1.15
Watermelon	1.61

Grains

Barley	1.22
Buckwheat	1.52

Corn	1.36
Gliadin	7.51
Millet	1.49
Oat	2.97
Rice	1.48
Rye	1.12
Sorghum	1.53
Wheat Gluten	6.66
Wheat	6.01

Fish / Seafood

Cod Fish	1.99
Crab	2.06
Halibut	1.04
Lobster	1.32
Salmon	1.16
Sardine	1.41
Shrimp	1.39
Tuna	1.32

Meat/Fowl

Beef	1.15
Chicken	1.52
Egg White	5.78
Egg Yolk	4.62
Lamb	1.89
Pork	1.43
Turkey	1.47

Nuts and Seeds

Almond	1.23
Cashews	1.45
Flax	1.44
Hazelnut	1.30
Peanut	1.36
Pecan	1.30
Pistachio	1.22
Sesame	1.24
Sunflower	1.11
Walnut	1.63

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 601440

Physician Name:

Patient Name: Jessica Vijay Muruges

Date of Collection: 7/27/2018

Patient Age: 7

Time of Collection: 03:00 AM

Sex: F

Print Date: 8/10/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Vegetables

Asparagus	1.42
Avocado	1.68
Broccoli	1.56
Beet	1.07
Cabbage	1.48
Carrot	1.42
Celery	1.37
Eggplant	1.20
Garlic	1.43
Green Pepper	1.57
Lettuce	1.47
Onion	1.50
Potato	1.10
Pumpkin	1.35
Radish	1.54
Spinach	1.15
Sweet Potato	1.60
Tomato	1.44

Miscellaneous

Candida Albicans	2.73
Cane Sugar	1.78
Cocoa	1.33
Coffee	1.10
Honey	1.23
Mushroom	1.23
Yeast, Bakers *	1.73
Yeast, Brewers *	2.53

*Saccharomyces cerevisiae

Not Significant	1.00-1.99	Not Significant	< 3.49
Low	2.00-3.49	Low	3.5-6.99
Moderate	3.50-4.99	Moderate	7-14.99
High	>=5	High	>=15
Food Antigens Scale		Candida Scale	

The Candida albicans scale accounts for the observation that background levels of Candida-specific immunoglobulins are normally present in virtually all individuals tested. It is intended to provide a clearer description of its clinical significance and was established according to population percentile ranks obtained from a random subset of 1,000 patients.

Reactivity Summary

High		
Casein	Glutadin	Cheese
Cow's Milk	Wheat Gluten	Yogurt
Wheat	Egg White	
Moderate		
Mozzarella Cheese	Whey	Egg Yolk
Low		
Oat	Green Bean	Goat's Milk
Yeast, Brewers *	Kidney Bean	Pinto Bean
Crab		

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 554775

Physician Name:

Patient Name: Jessica Vijay Murugesh

Date of Collection:

1/24/2018

Patient Age: 7

Time of Collection:

09:00 AM

Sex: F

Print Date:

6/1/2018

Gluten / Casein Peptides Test

Peptides	Peptide (P) ng/ml	Creatinine (C) mg/dl	Patient Relative Ratio	Reference Range Relative Ratio	
			(P/C)		
Casomorphin (Milk)	247.1	171	1.44	<0.41	H
Gliadorphin (Wheat)	849.1	171	4.96	<5.58	

If either of the peptide results is abnormal, a gluten-free and casein-free diet should be considered for the person who was tested. If both peptide results are normal, further testing with IgG food allergy tests should be done before adopting a diet containing gluten and/or casein. If both peptide and IgG food allergy tests are normal, then the person can probably tolerate gluten and casein but a one-month elimination diet trial without these foods might still be useful.

Children on gluten and/or casein free diets may have normal values of the peptides in urine. Children with high values may benefit from gluten/casein free diets and/or peptidase supplementation. Children with normal peptide values may still have wheat and/or milk allergies that can be detected by allergy tests.

People on a diet containing soy proteins or who are consuming soy "milk" may also have high peptides in their urine. Soy proteins are used as emulsifiers, extenders, binders and stabilizers in meat, poultry, snack foods, sausage, frozen spaghetti, and whipped toppings. Textured vegetable protein (TVP) is soy based and many meat substitutes are soy-based. We have found that individuals on soy may have high values for gliadorphin and/or casomorphin presumably because of peptides from soy that are similar or identical to those in gluten or casein (Zhang XZ, Wang HY, Fu XQ, Wu XX, Xu GL. Bioactive small peptides from soybean protein. Ann N Y Acad Sci 1998 Dec 13; 864: 640-5).

The FDA has determined that such clearance or approval is not necessary. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 ("CLIA") as qualified to perform high-complexity clinical testing.

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 592299

Physician Name:

Patient Name: Jothika Vijay Muruges

Date of Collection: 6/11/2018

Patient Age: 4

Time of Collection: 11:03 AM

Sex: F

Print Date: 7/13/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Dairy

Casein	10.54
Cheese	8.89
Goat's Milk	2.71
Cow's Milk	9.31
Mozzarella Cheese	6.58
Whey	6.89
Yogurt	11.06

Legumes - Beans and Peas

Garbanzo Bean	2.26
Green Bean	3.06
Kidney Bean	4.59
Lentil	1.39
Lima Bean	1.39
Pea	1.73
Pinto Bean	3.87
Soybean	1.90

Fruit

Apple	1.39
Apricot	1.18
Banana	1.56
Blueberry	1.18
Coconut	1.44
Cranberry	3.35
Grape	1.32
Grapefruit	1.45
Lemon	2.15
Orange	1.86
Papaya	1.48
Peach	1.73
Pear	1.66
Pineapple	1.17
Plum (Prune)	1.25
Strawberry	1.69
Watermelon	1.37

Grains

Barley	1.35
Buckwheat	1.63

Corn	1.44
Gliadin	12.49
Millet	1.06
Oat	8.13
Rice	1.47
Rye	1.40
Sorghum	1.56
Wheat Gluten	14.54
Wheat	13.64

Fish / Seafood

Cod Fish	3.54
Crab	3.40
Halibut	1.18
Lobster	1.96
Salmon	1.52
Sardine	1.44
Shrimp	2.54
Tuna	1.98

Meat/Fowl

Beef	1.17
Chicken	1.47
Egg White	3.22
Egg Yolk	2.27
Lamb	2.37
Pork	3.97
Turkey	1.63

Nuts and Seeds

Almond	1.42
Cashews	1.70
Flax	2.01
Hazelnut	1.54
Peanut	1.86
Pecan	1.42
Pistachio	1.66
Sesame	1.32
Sunflower	1.05
Walnut	1.63

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 592299

Physician Name:

Patient Name: Jothika Vijay Murugesu

Date of Collection: 6/11/2018

Patient Age: 4

Time of Collection: 11:03 AM

Sex: F

Print Date: 7/13/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Vegetables

Asparagus	2.02
Avocado	2.00
Broccoli	1.41
Beet	1.18
Cabbage	1.48
Carrot	1.84
Celery	1.59
Eggplant	1.07
Garlic	1.68
Green Pepper	2.08
Lettuce	1.68
Onion	2.07
Potato	1.25
Pumpkin	1.34
Radish	1.78
Spinach	1.63
Sweet Potato	1.34
Tomato	1.94

Miscellaneous

Candida Albicans	5.70
Cane Sugar	1.59
Cocoa	1.62
Coffee	1.10
Honey	0.98
Mushroom	1.14
Yeast, Bakers *	1.78
Yeast, Brewers *	2.60

*Saccharomyces cerevisiae

Not Significant	1.00-1.99	Not Significant	< 3.49
Low	2.00-3.49	Low	3.5-6.99
Moderate	3.50-4.99	Moderate	7-14.99
High	>=5	High	>=15
Food Antigens Scale		Candida Scale	

Reactivity Summary

High		
Wheat Gluten	Wheat	Gluten
Yogurt	Casein	Cow's Milk
Cheese	Oat	Whey
Mozzarella Cheese		
Moderate		
Kidney Bean	Pork	Pinto Bean
Cod Fish		
Low		
Candida Albicans	Crab	Cranberry
Egg White	Green Bean	Goat's Milk
Yeast, Brewers *	Shrimp	Lamb
Egg Yolk	Garbanzo Bean	Lemon
Green Pepper	Onion	Asparagus
Flax	Avocado	

The Candida albicans scale accounts for the observation that background levels of Candida-specific immunoglobulins are normally present in virtually all individuals tested. It is intended to provide a clearer description of its clinical significance and was established according to population percentile ranks obtained from a random subset of 1,000 patients.

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 592297

Physician Name:

Patient Name: Jothika Vijay Murugesh

Date of Collection:

6/23/2018

Patient Age: 4

Time of Collection:

07:30 AM

Sex: F

Print Date:

7/3/2018

Gluten / Casein Peptides Test

Peptides	Peptide (P) ng/ml	Creatinine (C) mg/dl	Patient Relative Ratio	Reference Range Relative Ratio	
			(P/C)		
Casomorphin (Milk)	214.3	158	1.36	<0.41	H
Gliadorphin (Wheat)	>1000.0	158	> 6.33	<5.58	H

If either of the peptide results is abnormal, a gluten-free and casein-free diet should be considered for the person who was tested. If both peptide results are normal, further testing with IgG food allergy tests should be done before adopting a diet containing gluten and/or casein. If both peptide and IgG food allergy tests are normal, then the person can probably tolerate gluten and casein but a one-month elimination diet trial without these foods might still be useful.

Children on gluten and/or casein free diets may have normal values of the peptides in urine. Children with high values may benefit from gluten/casein free diets and/or peptidase supplementation. Children with normal peptide values may still have wheat and/or milk allergies that can be detected by allergy tests.

People on a diet containing soy proteins or who are consuming soy "milk" may also have high peptides in their urine. Soy proteins are used as emulsifiers, extenders, binders and stabilizers in meat, poultry, snack foods, sausage, frozen spaghetti, and whipped toppings. Textured vegetable protein (TVP) is soy based and many meat substitutes are soy-based. We have found that individuals on soy may have high values for gliadorphin and/or casomorphin presumably because of peptides from soy that are similar or identical to those in gluten or casein (Zhang XZ, Wang HY, Fu XQ, Wu XX, Xu GL. Bioactive small peptides from soybean protein. Ann N Y Acad Sci 1998 Dec 13; 864: 640-5).

The FDA has determined that such clearance or approval is not necessary. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 ("CLIA") as qualified to perform high-complexity clinical testing.

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 587405
Patient Name: Kaveri Alaghappan
Patient Age: 33
Sex: F

Physician Name:
Date of Collection: 6/1/2018
Time of Collection: 10:45 AM
Print Date: 6/19/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Dairy

Casein	3.19
Cheese	2.45
Goat's Milk	1.46
Cow's Milk	2.34
Mozzarella Cheese	2.52
Whey	2.05
Yogurt	2.64

Legumes - Beans and Peas

Garbanzo Bean	2.21
Green Bean	1.50
Kidney Bean	1.36
Lentil	1.38
Lima Bean	1.56
Pea	1.85
Pinto Bean	1.47
Soybean	1.37

Fruit

Apple	1.32
Apricot	1.24
Banana	1.71
Blueberry	0.98
Coconut	1.06
Cranberry	2.72
Grape	1.10
Grapefruit	1.11
Lemon	1.28
Orange	1.05
Papaya	1.25
Peach	1.18
Pear	0.91
Pineapple	1.44
Plum (Prune)	1.21
Strawberry	1.12
Watermelon	1.38

Grains

Barley	1.53
Buckwheat	1.77

Corn	1.63
Gliadin	7.62
Millet	1.69
Oat	5.53
Rice	1.55
Rye	1.06
Sorghum	1.70
Wheat Gluten	9.83
Wheat	7.38

Fish / Seafood

Cod Fish	1.72
Crab	2.11
Halibut	1.25
Lobster	1.57
Salmon	1.51
Sardine	0.90
Shrimp	1.79
Tuna	2.77

Meat/Fowl

Beef	1.17
Chicken	1.84
Egg White	1.07
Egg Yolk	1.23
Lamb	1.51
Pork	1.67
Turkey	1.96

Nuts and Seeds

Almond	1.31
Cashews	1.13
Flax	2.41
Hazelnut	1.04
Peanut	1.10
Pecan	1.27
Pistachio	1.17
Sesame	1.39
Sunflower	1.23
Walnut	1.56

Ph.D Director

KS 66214

(913) 3

Fax (913)

Requisition #: 587405
Patient Name: Kaveri Alaghappan
Patient Age: 33
Sex: F

Physician Name:
Date of Collection: 6/1/2018
Time of Collection: 10:45 AM
Print Date: 6/19/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Vegetables

Asparagus	1.73
Avocado	1.66
Broccoli	1.63
Beet	1.01
Cabbage	1.38
Carrot	1.15
Celery	1.24
Eggplant	1.25
Garlic	1.19
Green Pepper	1.19
Lettuce	1.35
Onion	1.57
Potato	0.88
Pumpkin	1.51
Radish	1.32
Spinach	1.28
Sweet Potato	1.51
Tomato	1.53

Miscellaneous

Candida Albicans	8.71
Cane Sugar	1.63
Cocoa	1.49
Coffee	1.10
Honey	1.14
Mushroom	1.45
Yeast, Bakers *	2.50
Yeast, Brewers *	3.57

*Saccharomyces cerevisiae

Not Significant	1.00-1.99	Not Significant	< 3.49
Low	2.00-3.49	Low	3.5-6.99
Moderate	3.50-4.99	Moderate	7-14.99
High	>=5	High	>=15
Food Antigens Scale		Candida Scale	

The Candida albicans scale accounts for the observation that background levels of Candida-specific immunoglobulins are normally present in virtually all individuals tested. It is intended to provide a clearer description of its clinical significance and was established according to population percentile ranks obtained from a random subset of 1,000 patients.

Reactivity Summary

High		
Wheat Gluten	Gliadin	Wheat
Oat		
Moderate		
Candida Albicans	Yeast, Brewers *	
Low		
Casein	Tuna	Cranberry
Yogurt	Mozzarella Cheese	Yeast, Bakers *
Cheese	Flax	Cow's Milk
Garbanzo Bean	Crab	Whey

Laboratory, Inc.

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 548126
Patient Name: Vijay Adaikkappan
Patient Age: 34
Sex: M

Physician Name:
Date of Collection: 12/28/2017
Time of Collection: Not Given
Print Date: 1/9/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Food Category	Food Item	Value
Dairy		
	Casein	1.64
	Cheese	1.43
	Goat's Milk	1.03
	Cow's Milk	1.40
	Mozzarella Cheese	1.68
	Whey	1.26
	Yogurt	1.61
Legumes - Beans and Peas		
	Garbanzo Bean	2.22
	Green Bean	2.08
	Kidney Bean	1.69
	Lentil	1.12
	Lima Bean	1.15
	Pea	1.29
	Pinto Bean	1.28
	Soybean	1.30
Fruit		
	Apple	1.44
	Apricot	1.29
	Banana	1.81
	Blueberry	1.33
	Coconut	1.20
	Cranberry	1.53
	Grape	1.19
	Grapefruit	1.14
	Lemon	1.25
	Orange	1.05
	Papaya	1.46
	Peach	1.13
	Pear	0.91
	Pineapple	1.08
	Plum (Prune)	1.05
	Strawberry	1.08
	Watermelon	1.28
Grains		
	Barley	1.31
	Buckwheat	1.42
	Corn	1.37
	Gliadin	2.67
	Millet	1.67
	Oat	1.53
	Rice	1.42
	Rye	0.98
	Sorghum	1.60
	Wheat Gluten	2.89
	Wheat	2.96
Fish / Seafood		
	Cod Fish	2.22
	Crab	1.45
	Halibut	0.92
	Lobster	1.00
	Salmon	1.04
	Sardine	1.30
	Shrimp	1.12
	Tuna	1.16
Meat/Fowl		
	Beef	1.33
	Chicken	1.27
	Egg White	1.41
	Egg Yolk	1.82
	Lamb	1.11
	Pork	1.01
	Turkey	1.36
Nuts and Seeds		
	Almond	1.67
	Cashews	1.93
	Flax	1.42
	Hazelnut	0.99
	Peanut	1.46
	Pecan	1.21
	Pistachio	1.76
	Sesame	1.23
	Sunflower	1.02
	Walnut	1.12

Ph.D Director

KS 66214

(913)

Fax (913)

Requisition #: 548126

Physician Name:

Patient Name: Vijay Adaikkappan

Date of Collection:

12/28/2017

Patient Age: 34

Time of Collection:

Not Given

Sex: M

Print Date:

1/9/2018

Comprehensive IgG Food Allergy Test + C. albicans, S. cerevisiae (94) - Serum

Vegetables

Asparagus	1.58
Avocado	1.51
Broccoli	1.55
Beet	1.20
Cabbage	1.42
Carrot	1.32
Celery	1.41
Eggplant	1.25
Garlic	1.13
Green Pepper	1.19
Lettuce	1.08
Onion	1.19
Potato	1.02
Pumpkin	1.34
Radish	1.05
Spinach	1.05
Sweet Potato	1.08
Tomato	1.25

Miscellaneous

Candida Albicans	8.63
Cane Sugar	2.25
Cocoa	1.31
Coffee	1.08
Honey	1.20
Mushroom	1.41
Yeast, Bakers *	2.81
Yeast, Brewers *	4.02

*Saccharomyces cerevisiae

Not Significant	1.00-1.99	Not Significant	< 3.49
Low	2.00-3.49	Low	3.5-6.99
Moderate	3.50-4.99	Moderate	7-14.99
High	>=5	High	>=15
Food Antigens Scale		Candida Scale	

The Candida albicans scale accounts for the observation that background levels of Candida-specific immunoglobulins are normally present in virtually all individuals tested. It is intended to provide a clearer description of its clinical significance and was established according to population percentile ranks obtained from a random subset of 1,000 patients.

Reactivity Summary

Moderate

Candida Albicans Yeast, Brewers *

Low

Wheat Wheat Gluten Yeast, Bakers *
 Gliadin Cane Sugar Cod Fish
 Garbanzo Bean Green Bean