

PATIENT ID:

 20240905-0907

PATIENT NAME:

 Christine Lacy

DATE OF BIRTH:

 10/25/1986

SAMPLE ID:

 20240905-0907-1

QR-CODE:

 02BPU072

ANALYZED ON:

 9/16/2024

TESTED ALLERGENS:

 295

TEST METHOD:

 ALEX²

REFERRING PHYSICIAN:

Ben Ramsden-Stein DO

ADDITIONAL INFORMATION:

The internal QC (Plausibility check for GD) was within acceptance range.

Lab report: Summary on detectable sensitizations

POLLEN

Grass Pollen



Tree Pollen



Weed Pollen



MITES

House Dust Mites & Storage Mites



PLANT-BASED FOOD

Legumes



Grains



Spices



Fruits



Vegetables



Nuts & Seeds



INSECTS & VENOMS

Ant, Bee, Wasp



Cockroach



MICROORGANISMS

Fungal Spores & Yeast



ANIMAL-DERIVED FOOD

Milk



Egg



Fish & Seafood



Meat



EPITHELIAL TISSUES OF ANIMALS

Pets



Farm Animals



OTHERS

Latex



Ficus



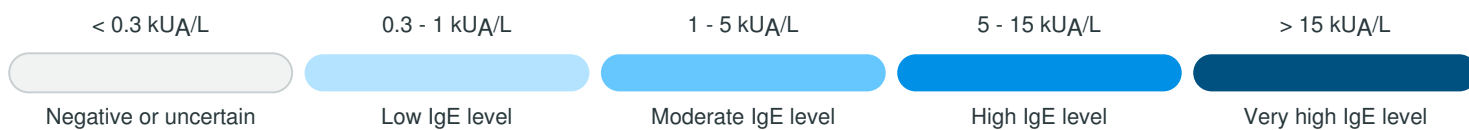
CCD



Parasite



Highest measured IgE concentration per allergen group



Name	E/M	Allergen	Protein Family	kU _A /L
------	-----	----------	----------------	--------------------

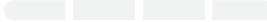
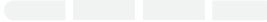
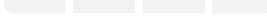
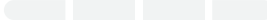
POLLEN

Grass Pollen

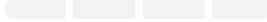
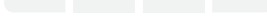
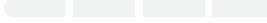
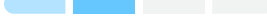
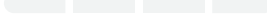
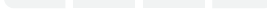
Bermuda grass		Cyn d		≤ 0.10 
		Cyn d 1	Beta-Expansin	≤ 0.10 
Perennial Ryegrass		Lol p 1	Beta-Expansin	≤ 0.10 
Bahia grass		Pas n		≤ 0.10 
Timothy grass		Phl p 1	Beta-Expansin	≤ 0.10 
		Phl p 2	Expansin	≤ 0.10 
		Phl p 5.0101	Grass Group 5/6	≤ 0.10 
		Phl p 6	Grass Group 5/6	≤ 0.10 
		Phl p 7	Polcalcin	≤ 0.10 
		Phl p 12	Profilin	≤ 0.10 
Common reed		Phr c		≤ 0.10 
Cultivated rye, Pollen		Sec c_pollen		≤ 0.10 

Tree Pollen

Acacia		Aca m		≤ 0.10 
Tree of Heaven		Ail a		≤ 0.10 
Alder		Aln g 1	PR-10	≤ 0.10 
		Aln g 4	Polcalcin	≤ 0.10 
Silver birch		Bet v 1	PR-10	≤ 0.10 
		Bet v 2	Profilin	≤ 0.10 
		Bet v 6	Isoflavon Reductase	≤ 0.10 
Paper mulberry		Bro pa		≤ 0.10 
Hazel pollen		Cor a_pollen		≤ 0.10 
		Cor a 1.0103	PR-10	≤ 0.10 
Sugi		Cry j 1	Pectate Lyase	≤ 0.10 
Cypress		Cup a 1	Pectate Lyase	≤ 0.10 
		Cup s		≤ 0.10 
Beech		Fag s 1	PR-10	≤ 0.10 
Ash		Fra e		≤ 0.10 
		Fra e 1	Ole e 1-Family	≤ 0.10 
Walnut pollen		Jug r_pollen		≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Mountain cedar		Jun a		≤ 0.10 
Mulberry		Mor r		≤ 0.10 
Olive		Ole e 1	Ole e 1-Family	≤ 0.10 
		Ole e 9	1,3 β Glucanase	≤ 0.10 
Date palm		Pho d 2	Profilin	≤ 0.10 
London plane tree		Pla a 1	Plant Invertase	≤ 0.10 
		Pla a 2	Polygalacturonase	≤ 0.10 
		Pla a 3	nsLTP	≤ 0.10 
Cottonwood		Pop n		≤ 0.10 
Elm		Ulm c		≤ 0.10 

Weed Pollen

Common Pigweed		Ama r		≤ 0.10 
Ragweed		Amb a		≤ 0.10 
		Amb a 1	Pectate Lyase	≤ 0.10 
		Amb a 4	Plant Defensin	≤ 0.10 
Mugwort		Art v		≤ 0.10 
		Art v 1	Plant Defensin	≤ 0.10 
		Art v 3	nsLTP	≤ 0.10 
Hemp		Can s		≤ 0.10 
		Can s 3	nsLTP	≤ 0.10 
Lamb's quarter		Che a		≤ 0.10 
		Che a 1	Ole e 1-Family	2.28 
Annual mercury		Mer a 1	Profilin	≤ 0.10 
Wall pellitory		Par j		≤ 0.10 
		Par j 2	nsLTP	≤ 0.10 
Ribwort		Pla l		≤ 0.10 
		Pla l 1	Ole e 1-Family	≤ 0.10 
Russian thistle		Sal k		≤ 0.10 
		Sal k 1	Pectin Methylesterase	≤ 0.10 
Nettle		Urt d		≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
------	-----	----------	----------------	--------------------

MITES

House Dust Mite

American house dust mite		Der f 1	Cysteine protease	≤ 0.10 
		Der f 2	NPC2 Family	≤ 0.10 
European house dust mite		Der p 1	Cysteine protease	≤ 0.10 
		Der p 2	NPC2 Family	≤ 0.10 
		Der p 5	unknown	≤ 0.10 
		Der p 7	Mites, Group 7	≤ 0.10 
		Der p 10	Tropomyosin	≤ 0.10 
		Der p 11	Myosin, heavy chain	≤ 0.10 
		Der p 20	Arginine kinase	≤ 0.10 
		Der p 21	unknown	≤ 0.10 
		Der p 23	Peritrophin-like protein domain	≤ 0.10 

Storage Mite

Acarus siro		Aca s		≤ 0.10 
Blomia tropicalis		Blo t 5	Mites, Group 5	≤ 0.10 
		Blo t 10	Tropomyosin	≤ 0.10 
		Blo t 21	unknown	≤ 0.10 
Glycyphagus domesticus		Gly d 2	NPC2 Family	≤ 0.10 
Lepidoglyphus destructor		Lep d 2	NPC2 Family	≤ 0.10 
Tyrophagus putrescentiae		Tyr p		≤ 0.10 
		Tyr p 2	NPC2 Family	≤ 0.10 

MICROORGANISMS & SPORES

Yeast

Malassezia sympodialis		Mala s 5	unknown	≤ 0.10 
		Mala s 6	Cyclophilin	≤ 0.10 
		Mala s 11	Mn Superoxid-Dismutase	≤ 0.10 
Yeast		Sac c		≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
------	-----	----------	----------------	--------------------

Moulds

Alternaria alternata		Alt a 1	Alt a 1-Family	≤ 0.10 
		Alt a 6	Enolase	≤ 0.10 
Aspergillus fumigatus		Asp f 1	Mitogillin Family	≤ 0.10 
		Asp f 3	Peroxisomal Protein	≤ 0.10 
		Asp f 4	unknown	≤ 0.10 
		Asp f 6	Mn Superoxid-Dismutase	≤ 0.10 
Cladosporium herbarum		Cla h		≤ 0.10 
		Cla h 8	Short Chain Dehydrogenase	≤ 0.10 
Penicillium chrysogenum		Pen ch		≤ 0.10 

PLANT FOOD

Legumes

Peanut		Ara h 1	7/8S Globulin	≤ 0.10 
		Ara h 2	2S Albumin	≤ 0.10 
		Ara h 3	11S Globulin	≤ 0.10 
		Ara h 6	2S Albumin	≤ 0.10 
		Ara h 8	PR-10	≤ 0.10 
		Ara h 9	nsLTP	≤ 0.10 
		Ara h 15	Oleosin	≤ 0.10 
Chickpea		Cic a		≤ 0.10 
Soy		Gly m 4	PR-10	≤ 0.10 
		Gly m 5	7/8S Globulin	≤ 0.10 
		Gly m 6	11S Globulin	≤ 0.10 
		Gly m 8	2S Albumin	≤ 0.10 
Lentil		Len c		≤ 0.10 
White bean		Pha v		≤ 0.10 
Pea		Pis s		≤ 0.10 

Cereals

Oat		Ave s		≤ 0.10 
Quinoa		Che q		≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Common buckwheat		Fag e		≤ 0.10 
		Fag e 2	2S Albumin	≤ 0.10 
Barley		Hor v		≤ 0.10 
Lupine seed		Lup a		≤ 0.10 
Rice		Ory s		≤ 0.10 
Millet		Pan m		≤ 0.10 
Cultivated rye		Sec c_flour		≤ 0.10 
Wheat		Tri a aA_T1	Alpha-Amylase Trypsin-Inhibitor	≤ 0.10 
		Tri a 14	nsLTP	≤ 0.10 
		Tri a 19	Omega-5-Gliadin	≤ 0.10 
Spelt		Tri s		≤ 0.10 
Maize		Zea m		≤ 0.10 
		Zea m 14	nsLTP	≤ 0.10 

Spices

Paprika		Cap a		≤ 0.10 
Caraway		Car c		≤ 0.10 
Oregano		Ori v		≤ 0.10 
Parsley		Pet c		≤ 0.10 
Anise		Pim a		≤ 0.10 
Mustard		Sin		≤ 0.10 
		Sin a 1	2S Albumin	≤ 0.10 

Fruits

Kiwi		Act d 1	Cysteine protease	≤ 0.10 
		Act d 2	TLP	≤ 0.10 
		Act d 5	Kiwellin	≤ 0.10 
		Act d 10	nsLTP	≤ 0.10 
Papaya		Car p		≤ 0.10 
Orange		Cit s		≤ 0.10 
Melon		Cuc m 2	Profilin	≤ 0.10 
Fig		Fic c		≤ 0.10 
Strawberry		Fra a 1+3	PR-10+LTP	≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Apple		Mal d 1	PR-10	≤ 0.10 
		Mal d 2	TLP	≤ 0.10 
		Mal d 3	nsLTP	≤ 0.10 
Mango		Man i		≤ 0.10 
Banana		Mus a		≤ 0.10 
Avocado		Pers a		≤ 0.10 
Cherry		Pru av		≤ 0.10 
Peach		Pru p 3	nsLTP	≤ 0.10 
Pear		Pyr c		≤ 0.10 
Blueberry		Vac m		≤ 0.10 
Grapes		Vit v 1	nsLTP	≤ 0.10 

Vegetables

Onion		All c		≤ 0.10 
Garlic		All s		≤ 0.10 
Celery		Api g 1	PR-10	≤ 0.10 
		Api g 2	nsLTP	≤ 0.10 
		Api g 6	nsLTP	≤ 0.10 
Carrot		Dau c		≤ 0.10 
		Dau c 1	PR-10	≤ 0.10 
Potato		Sol t		≤ 0.10 
Tomato		Sola l		≤ 0.10 
		Sola l 6	nsLTP	≤ 0.10 

Nuts

Cashew		Ana o		≤ 0.10 
		Ana o 2	11S Globulin	≤ 0.10 
		Ana o 3	2S Albumin	≤ 0.10 
Brazil nut		Ber e		≤ 0.10 
		Ber e 1	2S Albumin	≤ 0.10 
Pecan		Car i		≤ 0.10 
Hazelnut		Cor a 1.0401	PR-10	≤ 0.10 
		Cor a 8	nsLTP	≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Walnut		Cor a 9	11S Globulin	≤ 0.10 
		Cor a 11	7/8S Globulin	≤ 0.10 
		Cor a 14	2S Albumin	≤ 0.10 
		Jug r 1	2S Albumin	≤ 0.10 
		Jug r 2	7/8S Globulin	≤ 0.10 
		Jug r 3	nsLTP	≤ 0.10 
Macadamia		Jug r 4	11S Globulin	≤ 0.10 
		Jug r 6	7/8S Globulin	≤ 0.10 
		Mac i 2S Albumin	2S Albumin	≤ 0.10 
Pistachio		Mac inte		≤ 0.10 
		Pis v 1	2S Albumin	≤ 0.10 
		Pis v 2	11S Globulin subunit	≤ 0.10 
Almond		Pis v 3	7/8S Globulin	≤ 0.10 
		Pru du		≤ 0.10 

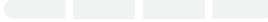
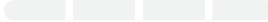
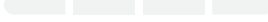
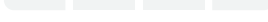
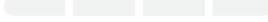
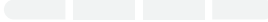
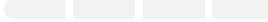
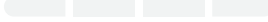
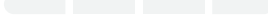
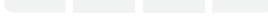
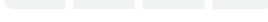
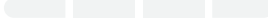
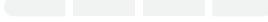
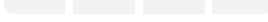
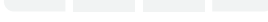
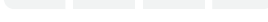
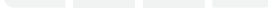
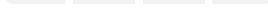
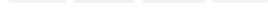
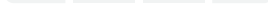
Seed

Pumpkin seed		Cuc p		≤ 0.10 
Sunflower seed		Hel a		≤ 0.10 
Poppy seed		Pap s		≤ 0.10 
		Pap s 2S Albumin	2S Albumin	≤ 0.10 
Sesame		Ses i		≤ 0.10 
		Ses i 1	2S Albumin	≤ 0.10 
Fenugreek seeds		Tri fo		≤ 0.10 

ANIMAL FOOD

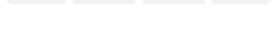
Milk

Cow, milk		Bos d_milk		≤ 0.10 
		Bos d 4	α-Lactalbumin	≤ 0.10 
		Bos d 5	β-Lactoglobulin	≤ 0.10 
		Bos d 8	Casein	≤ 0.10 
Camel		Cam d		≤ 0.10 
Goat, milk		Cap h_milk		≤ 0.10 
Mare's milk		Equ c_milk		≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Sheep, milk		Ovi a_milk		≤ 0.10 
Egg				
Egg white		Gal d_white		≤ 0.10 
Egg yolk		Gal d_yolk		≤ 0.10 
Egg white		Gal d 1	Ovomucoid	≤ 0.10 
		Gal d 2	Ovalbumin	≤ 0.10 
		Gal d 3	Ovotransferrin	≤ 0.10 
		Gal d 4	Lysozym C	≤ 0.10 
Egg yolk		Gal d 5	Serum Albumin	≤ 0.10 
Seafood				
Herring worm		Ani s 1	Kunitz Serin Protease Inhibitor	≤ 0.10 
		Ani s 3	Tropomyosin	≤ 0.10 
Crab		Chi spp.		≤ 0.10 
Herring		Clu h		≤ 0.10 
		Clu h 1	β-Parvalbumin	≤ 0.10 
Brown shrimp		Cra c 6	Troponin C	≤ 0.10 
Carp		Cyp c 1	β-Parvalbumin	≤ 0.10 
Atlantic cod		Gad m		≤ 0.10 
		Gad m 2+3	β-Enolase & Aldolase	≤ 0.10 
		Gad m 1	β-Parvalbumin	≤ 0.10 
Lobster		Hom g		≤ 0.10 
Shrimp		Lit s		≤ 0.10 
Squid		Lol spp.		≤ 0.10 
Common mussel		Myt e		≤ 0.10 
Oyster		Ost e		≤ 0.10 
Shrimp		Pan b		≤ 0.10 
Scallop		Pec spp.		≤ 0.10 
Black Tiger Shrimp		Pen m 1	Tropomyosin	≤ 0.10 
		Pen m 2	Arginine kinase	≤ 0.10 
		Pen m 3	Myosin, light chain	≤ 0.10 
		Pen m 4	Sarcoplasmic Calcium Binding Protein	≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Thornback ray		Raj c		≤ 0.10 
		Raj c Parvalbumin	α-Parvalbumin	≤ 0.10 
Clam		Rud spp.		≤ 0.10 
Salmon		Sal s		≤ 0.10 
		Sal s 1	β-Parvalbumin	≤ 0.10 
Atlantic mackerel		Sco s		≤ 0.10 
		Sco s 1	β-Parvalbumin	≤ 0.10 
Tuna		Thu a		≤ 0.10 
		Thu a 1	β-Parvalbumin	≤ 0.10 
Swordfish		Xip g 1	β-Parvalbumin	≤ 0.10 

Meat

House cricket		Ach d		≤ 0.10 
Cattle, meat		Bos d_meat		≤ 0.10 
		Bos d 6	Serum Albumin	≤ 0.10 
Horse, meat		Equ c_meat		≤ 0.10 
Chicken meat		Gal d_meat		≤ 0.10 
Migratory locust		Loc m		≤ 0.10 
Turkey		Mel g		≤ 0.10 
Rabbit, meat		Ory_meat		≤ 0.10 
Sheep, meat		Ovi a_meat		≤ 0.10 
Pork		Sus d_meat		≤ 0.10 
		Sus d 1	Serum Albumin	≤ 0.10 
Mealworm		Ten m		≤ 0.10 

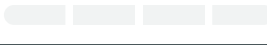
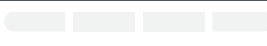
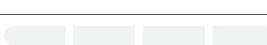
INSECTS & VENOMS

Fire ant poison

Fire ant		Sol spp.		≤ 0.10 
----------	---	----------	--	--

Honey Bee Venom

Honey bee		Api m		≤ 0.10 
		Api m 1	Phospholipase A2	≤ 0.10 
		Api m 10	Icarapin Variant 2	≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Wasp Venom				
Hornet		Dol spp		≤ 0.10 
Paper wasp venom		Pol d		≤ 0.10 
		Pol d 5	Antigen 5	≤ 0.10 
Wasp venom		Ves v		≤ 0.10 
		Ves v 1	Phospholipase A1	≤ 0.10 
		Ves v 5	Antigen 5	≤ 0.10 
Cockroach				
German Cockroach		Bla g 1	Cockroach Group 1	≤ 0.10 
		Bla g 2	Aspartyl protease	≤ 0.10 
		Bla g 4	Lipocalin	≤ 0.10 
		Bla g 5	Glutathione S-transferase	≤ 0.10 
		Bla g 9	Arginine kinase	≤ 0.10 
American Cockroach		Per a		≤ 0.10 
		Per a 7	Tropomyosin	≤ 0.10 
ANIMAL ORIGIN				
Pet				
Dog		Can f_Fd1	Uteroglobulin	≤ 0.10 
Male dog urine (incl. Can f 5)		Can f_male urine		≤ 0.10 
Dog		Can f 1	Lipocalin	≤ 0.10 
		Can f 2	Lipocalin	≤ 0.10 
		Can f 3	Serum Albumin	≤ 0.10 
		Can f 4	Lipocalin	≤ 0.10 
		Can f 6	Lipocalin	≤ 0.10 
Guinea pig		Cav p 1	Lipocalin	≤ 0.10 
Cat		Fel d 1	Uteroglobulin	≤ 0.10 
		Fel d 2	Serum Albumin	≤ 0.10 
		Fel d 4	Lipocalin	≤ 0.10 
		Fel d 7	Lipocalin	≤ 0.10 
House mouse		Mus m 1	Lipocalin	≤ 0.10 

Name	E/M	Allergen	Protein Family	kU _A /L
Rabbit, epithel	☒	Ory c 1	Lipocalin	≤ 0.10
	☒	Ory c 2	Lipophilin	≤ 0.10
	☒	Ory c 3	Uteroglobulin	≤ 0.10
Djungarian hamster	☒	Phod s 1	Lipocalin	≤ 0.10
Rat	☒	Rat n		≤ 0.10

Farm Animals

Cattle	☒	Bos d 2	Lipocalin	≤ 0.10
Goat, epithel	☒	Cap h_epithelia		≤ 0.10
Horse, epithel	☒	Equ c 1	Lipocalin	≤ 0.10
	☒	Equ c 3	Serum Albumin	≤ 0.10
	☒	Equ c 4	Latherin	≤ 0.10
Sheep, epithel	☒	Ovi a_epithelia		≤ 0.10
Pig	☒	Sus d_epithelia		≤ 0.10

OTHERS

Latex

Latex	☒	Hev b 1	Rubber elongation factor	≤ 0.10
	☒	Hev b 3	Small rubber particle protein	≤ 0.10
	☒	Hev b 5	unknown	≤ 0.10
	☒	Hev b 6.02	Hevein	≤ 0.10
	☒	Hev b 8	Profilin	≤ 0.10
	☒	Hev b 11	Class 1 Chitinase	≤ 0.10

Ficus

Weeping fig	☒	Fic b		≤ 0.10
-------------	----------------------------------	-------	--	--

CCD

Hom s Lactoferrin	☒	Hom s LF	CCD	≤ 0.10
-------------------	----------------------------------	----------	-----	--

Parasite

Pigeon tick	☒	Arg r 1	Lipocalin	≤ 0.10
-------------	----------------------------------	---------	-----------	--

Total IgE: 106 kU/L

Normal Total-IgE

Adults: < 100 kU/L

Number of tested allergen sources:

165



GRASS POLLEN

6

Bahia grass, Bermuda grass, Common reed, Perennial ryegrass, Rye, Timothy grass



TREE POLLEN

19

Acacia, Alder, Arizona Cypress, European Ash, Beech, Cottonwood, Date palm, Elm, Hazel, London Plane Tree, Mediterranean Cypress, Mountain cedar, Mulberry, Olive, Paper mulberry, Silver birch, Sugi, Tree of Heaven, Walnut



WEED POLLEN

10

Annual mercury, Hemp, Lamb's quarter, Mugwort, Nettle, Pigweed, Ragweed, Ribwort, Russian thistle, Wall pellitory



HOUSE DUST MITES & STORAGE MITES

7

Acarus siro, American house dust mite, Blomia tropicalis, European house dust mite, Glycyphagus domesticus, Lepidoglyphus destructor, Tyrophagus putrescentiae



LEGUMES

6

Chickpea, White bean, Lentil, Pea, Peanut, Soy



GRAINS

11

Barley, Buckwheat, Corn, Cultivated rye, Lupine, Millet, Oat, Quinoa, Rice, Spelt, Wheat



SPICES

6

Anise, Caraway, Mustard, Oregano, Paprika, Parsley



FRUITS

15

Avocado, Apple, Banana, Blueberry, Cherry, Fig, Grape, Kiwi, Mango, Muskmelon, Orange, Papaya, Peach, Pear, Strawberry



VEGETABLES

6

Carrot, Celery, Garlic, Onion, Potato, Tomato



NUTS & SEEDS

13

Almond, Brazil nut, Cashew, Hazelnut, Macadamia, Pecan, Pistachio, Walnut, Fenugreek seeds, Poppy seed, Pumpkin seed, Sesame, Sunflower seed



COCKROACH

2

American cockroach, German cockroach



INSECT VENOMS

5

Common wasp venom, Fire ant venom, Honeybee venom, Long-headed wasp venom, Paper wasp venom



FUNGAL SPORES & YEAST

6

Alternaria alternata, Aspergillus fumigatus, Baker's yeast, Cladosporium herbarum, Malassezia sympodialis, Penicillium chrysogenum



MILK

5

Camel's milk, Cow's milk, Goat's milk, Mare's milk, Sheep's milk



EGG

2

Egg white, Egg yolk



FISH & SEAFOOD

20

Anisakis simplex, Atlantic cod, Atlantic herring, Atlantic mackerel, Black-Tiger shrimp, Brown shrimp, Carp, Common mussel, Crab, Lobster, Northern prawn, Oyster, Salmon, Scallop, Shrimp mix, Squid, Swordfish, Thornback ray, Tuna, Venus clam



MEAT

10

Beef, Chicken, Horse, House cricket, Lamb, Mealworm, Migratory locust, Pig, Rabbit, Turkey



PETS

7

Cat, Djungarian hamster, Dog, Guinea pig, Mouse, Rabbit, Rat



FARM ANIMALS

5

Cattle, Goat, Horse, Pig, Sheep



OTHERS

4

Latex, Hom s lactoferrin, Pigeon tick, Weeping fig

Raven Interpretation Summary

Sample Information

The sample was tested on ALL Barcode 02BPU072, interpretation date 9/18/2024.

Of the tested 295 allergens, 1 were/was above the cut off of 0.3 kU_A/L. A sensitization can be an indicator of an IgE dependent allergy. For all positive ALL Allergy Test allergens, comments for interpretation guidance are listed below.

Total IgE: 106 kU/L

The measured total IgE was 106 kU/L. With a total IgE titre above 100 kU/L, allergy is likely.

Weed Pollen

Lamb's quarter

You have a sensitization to pollen from lamb's quarter.

Associated allergic symptoms range from hay fever (allergic rhinoconjunctivitis) to allergic asthma.

Che a 1 is a member of the Ole e 1 allergen family.

The possibility for cross-reactions between Che a 1 and related allergens from saffron and Russian thistle is high to very high, but much lower to other members of the Ole e 1 allergen family.

Allergen-specific immunotherapy is possible, if the corresponding clinical reactions occur.

Treatment for symptoms includes anti-histamines as well as corticosteroid tablets and sprays. Allergen-specific immunotherapy is possible for sensitizations to Che a 1. Please consult your allergy specialist for further information and therapy options.

DISCLAIMER: THE PRESENCE OF IgE-ANTIBODIES IMPLIES A RISK OF ALLERGIC REACTIONS AND HAS TO BE ANALYZED IN CONJUNCTION WITH THE CLINICAL HISTORY AND OTHER DIAGNOSTIC TEST RESULTS. THE RAVEN INTERPRETATION GUIDANCE SOFTWARE IS A TOOL TO SUPPORT PHYSICIANS IN THE INTERPRETATION OF ALL ALLERGY TEST RESULTS. RAVEN COMMENTS DO NOT REPLACE THE DIAGNOSIS BY A PHYSICIAN. NO LIABILITY IS ACCEPTED FOR RAVEN COMMENTS AND RESULTING THERAPEUTIC INTERVENTIONS. THE STATED COMMENTS ARE DESIGNED EXCLUSIVELY FOR ALL ALLERGY TEST RESULTS.