MDC LABS
مركز الموسى التشخيصي
AL MOOSA DIAGNOSTIC CENTER

PATIENT ID:
718058-0
PATIENT NAME:
DUMMY REPORT
DATE OF BIRTH:
01/01/2020
SAMPLE CODE:
718058-0
QR-CODE:
02BFS1AA
ANALYZED ON:
01/01/2024
TESTED ALLERGENS:
295
TEST METHOD:
ALEX^2

REFERRING PHYSICIAN:

ADDITIONAL INFORMATION:

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

Lab report: Summary on detectable sensitisations

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

< 0.3 kUA/L	0.3 - 1 kUA/L	1 - 5 kUA/L	5 - 15 kUA/L	> 15 kUA/L
Negative or uncertain	Low IgE level	Moderate IgE level	High IgE level	Very high IgE level

Name	E/M	Allergen	Function	kUA/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		0.12
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		0.12
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
Mountain cedar		Jun a		≤ 0.10
Mulberry		Mor r		≤ 0.10
Olive		Ole e 1	Ole e 1-Family	≤ 0.10

Allergen Extract | Molecular Allergen | IgE < 0.3 negative or uncertain

Name	E/M	Allergen	Function	kUA/L
	⦿	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	≤ 0.10
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	6.12
Nettle	⁘	Urt d		≤ 0.10

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	0.24
	⦿	Der p 2	NPC2 Family	≤ 0.10
	⦿	Der p 5	unknown	≤ 0.10

Name	E/M	Allergen	Function	kUA/L
	⦿	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

Moulds

Alternaria alternata	⦿	Alt a 1	Alt a 1-Family	≤ 0.10
	⦿	Alt a 6	Enolase	0.17
Aspergillus fumigatus	⦿	Asp f 1	Mitogillin Family	≤ 0.10
	⦿	Asp f 3	Peroxysomal 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
Penicilium chrysogenum	⁘	Pen ch		≤ 0.10

Name	E/M	Allergen	Function	kUA/L
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
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_TI	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

Name	E/M	Allergen	Function	kUA/L
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
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

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

Seed

Pumpkin seed	⁘	Cuc p		≤ 0.10
Sunflower seed	⁘	Hel a		≤ 0.10
Poppy seed	⁘	Pap s		≤ 0.10

Name	E/M	Allergen	Function	kUA/L
	⦿	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
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

Name	E/M	Allergen	Function	kUA/L
	◉	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
Thornback ray	⁘	Raj c		≤ 0.10
	◉	Raj c Parvalbumin	α-Parvalbumin	≤ 0.10
Clam	⁘	Rud spp.		0.12
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

Name	E/M	Allergen	Function	kUA/L
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
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	Uteroglobin	0.22
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

Name	E/M	Allergen	Function	kUA/L
	⦿	Can f 4	Lipocalin	≤ 0.10
	⦿	Can f 6	Lipocalin	≤ 0.10
Guinea pig	⦿	Cav p 1	Lipocalin	≤ 0.10
Cat	⦿	Fel d 1	Uteroglobin	1.65
	⦿	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
Rabbit, epithel	⦿	Ory c 1	Lipocalin	≤ 0.10
	⦿	Ory c 2	Lipophilin	≤ 0.10
	⦿	Ory c 3	Uteroglobin	≤ 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	0.11
	⦿	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

Name	E/M	Allergen	Function	kU_A/L
CCD				
Hom s Lactoferrin	⦿	Hom s LF	CCD	≤ 0.10
Parasite				
Pigeon tick	⦿	Arg r 1	Lipocalin	≤ 0.10

Total IgE result: 84 kU/L

Reference range total-IgE
Adults: < 100 kU/L

SAMPLED ON	PRINTED ON
29/05/2024	30/05/2024

Information to cross-reactive allergens

Uteroglobin

Uteroglobins show a limited degree of cross-reactivity.

Uteroglobins are generated in salivary glands and in the skin of some furry animals. Higher levels of sIgE against Uteroglobins were observed in children with asthma to cat.

ALEX² – Number of tested allergen sources: 295

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, Penicilium 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 ALEX² Barcode 02BFS1AA, interpretation date 30/05/2024.

Of the tested 295 allergens, 2 were/was above the cut off of 0.3 kU_A/L. A sensitisation can be an indicator of an IgE dependent allergy.

For all positive ALEX² allergens, comments for interpretation guidance are listed below.

Total IgE: 84 kU/L

The measured total IgE was 84 kU/L. With a total IgE titre of below 100 kU/L, allergy is possible but unlikely.

Weed Pollen

Russian Thistle

Sensitisation to pollen from Russian thistle was detected. Allergic symptoms associated with this allergen source range from allergic rhinoconjunctivitis to allergic asthma.

Sal k 1 is a member of the Pectin Methylesterase allergen family. So far, two other members of this allergen family have been described, in kiwi and in olive pollen. The degree of cross-reactivity is considered low to moderate to related allergens. Sal k 1 serves as a marker for AIT indication, if corresponding clinical symptoms are present.

Causal treatment is possible via AIT - Sal k 1 serves as a marker for AIT indication. Symptomatic treatment includes anti-histamines and local corticosteroids in various formulations (tablet, spray).

Furry Animals

Cat

Sensitisation to cat was detected. Allergic symptoms associated with this allergen source range from allergic rhinoconjunctivitis to allergic asthma.

Fel d 1 is a member of the Uteroglobin (UG) allergen family and a marker for genuine cat allergy. Fel d 1 is also serves as a marker for AIT indication, if corresponding clinical symptoms are present. The degree of cross-reactivity between Fel d 1 and other members of the UG allergen family is low to moderate (e.g. Can f Fel d 1 like from dog).

If avoidance of cats is not possible, an AIT can be prescribed. Symptomatic treatment includes anti-histamines as well as local corticosteroids in various formulations (tablet, spray). Avoidance of exposition to cats is strongly recommended.

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 ALEX² 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 ALEX² RESULTS.

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