PATIENT NAME:

DATE OF BIRTH:

TEST CODE

ANALYZED ON:
24/05/2023

TESTED ALLERGENS:
295

ADDITIONAL INFORMATION:

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	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	0,14
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
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	kU$_A$/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	≤ 0,10
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	≤ 0,10
		Der p 2	NPC2 Family	≤ 0,10
		Der p 5	unknown	≤ 0,10

Allergen Extract Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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	0,53

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	≤ 0,10
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

Allergen Extract Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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

⁘ Allergen Extract ◉ Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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	0,20
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

⁘ Allergen Extract ◉ Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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	0,13
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

⁘ Allergen Extract ◉ Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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

Allergen Extract Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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.		≤ 0,10
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

⁘ Allergen Extract ◉ Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/L
INSECTS & VENOMS				
Fire ant poison				
Fire ant	E	Sol spp.		≤ 0,10
Honey Bee Venom				
Honey bee	E	Api m		≤ 0,10
	M	Api m 1	Phospholipase A2	≤ 0,10
	M	Api m 10	Icarapin Variant 2	≤ 0,10
Wasp Venom				
Hornet	E	Dol spp		≤ 0,10
Paper wasp venom	E	Pol d		≤ 0,10
	M	Pol d 5	Antigen 5	≤ 0,10
Wasp venom	E	Ves v		0,12
	M	Ves v 1	Phospholipase A1	≤ 0,10
	M	Ves v 5	Antigen 5	0,47
Cockroach				
German Cockroach	M	Bla g 1	Cockroach Group 1	≤ 0,10
	M	Bla g 2	Aspartyl protease	≤ 0,10
	M	Bla g 4	Lipocalin	≤ 0,10
	M	Bla g 5	Glutathione S-transferase	≤ 0,10
	M	Bla g 9	Arginine kinase	≤ 0,10
American Cockroach	E	Per a		≤ 0,10
	M	Per a 7	Tropomyosin	≤ 0,10
ANIMAL ORIGIN				
Pet				
Dog	M	Can f_Fd1	Uteroglobin	≤ 0,10
Male dog urine (incl. Can f 5)	E	Can f_male urine		≤ 0,10
Dog	M	Can f 1	Lipocalin	≤ 0,10
	M	Can f 2	Lipocalin	≤ 0,10
	M	Can f 3	Serum Albumin	≤ 0,10

Allergen Extract Molecular Allergen IgE < 0,3 negative or uncertain

Name	E/M	Allergen	Function	kU$_A$/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	≤ 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
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	≤ 0,10
	◉	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

⁘ Allergen Extract ◉ Molecular Allergen IgE < 0,3 negative or uncertain

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: ≤ 20 kU/L

Reference range total-IgE

Adults: < 100 kU/L

SAMPLED ON	PRINTED ON
22/05/2023	24/05/2023

Allergen Extract ◉ Molecular Allergen IgE < 0,3 negative or uncertain

ALEX² – 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, 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

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RAVEN®
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Interpretation - Support

Raven Interpretation Summary

Sample Information

The sample was tested on ALEX² Barcode 02AUC015, interpretation date 24/05/2023.

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 ALEX 2 allergens, comments for interpretation guidance are listed below.

Total IgE: ≤20 kU/L

Total IgE reference range: <100 kU/L

Mites and Cockroaches

House dust mites

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

Der p 23 is a member of the Peritrophin-like Protein allergen family (PLP), which is associated with the development of Asthma. The degree of cross-reactivity to other members of the PLP allergen family is not clear.

Allergen avoidance is advised. Encasings for blankets, matresses and pillows can reduce the allergen load. Der f 1/Der p 1 and Der f 2/Der p 2 are major allergens from house dust mite and serve as markers for AIT indication, if corresponding clinical symptoms are present. Symptomatic treatment includes anti-histamines as well as local corticosteroids in various formulations (tablet, spray).

Insect Venoms

Wasp

Sensitisation to wasp venom was detected. Allergic symptoms associated with wasp venom allergy range from local to severe anaphylactic reactions.

Ves v 5 is a member of the Antigen 5 allergen family, which serves as a marker for AIT indication, if corresponding clinical symptoms are present. The degree of cross-reactivity between Ves v 5 and other members of the Antigen 5 allergen family is high to other vespula species and lower to dolichovespula and vespa species.

As avoidance of wasps is difficult, AIT is the major therapy option in wasp venom allergy. Additionally the prescription of an emergency kit (incl. adrenalin autoinjector for severe cases) is advised.

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 ALEX 2 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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