

## Allergy Panel - 54 Allergens

<b>Lab Number :</b>	<b>Doctor name :</b>
<b>Patient name :</b>	<b>Clinic name :</b>
<b>Sample Date :</b>	<b>Address :</b>
<b>Analysis Date :</b>	

### TEST NAME: EUROLINE 54 ALLERGENS

ALLERGEN	CONCENTRATION	CLASS	1	2	3	4	5	6
Bermuda grass (g2)	< 0.35 kU/l	0						
Timothy grass (g6)	< 0.35 kU/l	0						
Grass mix 5 (gs1)	< 0.35 kU/l	0						
Acacia (t19)	< 0.35 kU/l	0						
Oil palm (t223)	< 0.35 kU/l	0						
Latex (u85)	< 0.35 kU/l	0						
Dermatophagoides pteronyssinus (d1)	0.70 kU/l	2						
Dermatophagoides farinae (d2)	3.06 kU/l	2						
Dermatophagoides microceras (d4)	0.43 kU/l	1						
Tyrophagus putrescentiae (d72)	< 0.35 kU/l	0						
Glycyphagus domesticus (d73)	< 0.35 kU/l	0						
Blomia tropicalis (d201)	< 0.35 kU/l	0						
Cat (e1)	< 0.35 kU/l	0						
Dog (e2)	0.43 kU/l	1						
Horse (e3)	< 0.35 kU/l	0						
nBos d6 (BSA) (e204)	< 0.35 kU/l	0						
Feather mix 1 (es2)	< 0.35 kU/l	0						
Kapok (u134)	0.35 kU/l	1						
Honey bee venom (i1)	< 0.35 kU/l	0						
Cockroach, German (i6)	< 0.35 kU/l	0						
Candida albicans (m5)	< 0.35 kU/l	0						
Mould mix 1 (ms1)	< 0.35 kU/l	0						
Wheat flour (f4)	< 0.35 kU/l	0						
Gluten (f79)	0.35 kU/l	1						
Peanut (f13)	0.70 kU/l	2						
Soybean (f14)	0.35 kU/l	1						
Hazelnut (f17)	< 0.35 kU/l	0						
Almond (f20)	< 0.35 kU/l	0						
Baker's yeast (f45)	0.35 kU/l	1						
Glutamate (f336)	< 0.35 kU/l	0						
Egg white (f1)	< 0.35 kU/l	0						
Cow's milk (f2)	< 0.35 kU/l	0						
nBos d4 (Cow's milk) (f76)	< 0.35 kU/l	0						



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Test Name	Concentration (kU/l)	Class	Result
nBos d5 (Cow's milk) (f77)	0.35 kU/l	1	Yellow
nBos d8 (Cow's milk) (f78)	< 0.35 kU/l	0	Grey
Shellfish mix 1 (fs10)	0.43 kU/l	1	Yellow
Codfish (f3)	0.43 kU/l	1	Yellow
Tuna (f40)	< 0.35 kU/l	0	Grey
Salmon (f41)	< 0.35 kU/l	0	Grey
Crab (f23)	< 0.35 kU/l	0	Grey
Shrimp/ Prawn (f24)	< 0.35 kU/l	0	Grey
Lobster (f80)	0.52 kU/l	1	Yellow
Duck meat (f157)	0.35 kU/l	1	Yellow
Beef, cooked (f63)	0.35 kU/l	1	Yellow
Pork, cooked (f64)	< 0.35 kU/l	0	Grey
Chicken (f83)	< 0.35 kU/l	0	Grey
Lamb meat (f88)	< 0.35 kU/l	0	Grey
Cheddar cheese (f81)	< 0.35 kU/l	0	Grey
Tomato (f25)	0.43 kU/l	1	Yellow
Garlic (f47)	0.43 kU/l	1	Yellow
Strawberry (f44)	< 0.35 kU/l	0	Grey
Kiwi (f84)	< 0.35 kU/l	0	Grey
Coffee (f74)	< 0.35 kU/l	0	Grey
Chocolate (f105)	0.43 kU/l	1	Yellow
CCD marker (CCD)	< 0.35 kU/l	0	Grey

### Result Interpretation:

Concentration (kU/l)	Class	Explanation
0 ≤ sIgE < 0.35	0	No specific antibodies detected.
0.35 ≤ sIgE < 0.7	1	Very weak antibody detection, often no clinical symptoms with an existing sensitization.
0.7 ≤ sIgE < 3.5	2	Weak antibody detection, existing sensitization, often with clinical symptoms in upper levels.
3.5 ≤ sIgE < 17.5	3	Definite antibody detection, clinical symptoms are often present.
17.5 ≤ sIgE < 50	4	Strong antibody detection, almost always with existing symptoms.
50 ≤ sIgE < 100	5	Very high antibody titer.
sIgE ≥ 100	6	Very high antibody titer.



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The classification of the result is according to EAST/RAST system.

### CCD(Cross-reactive carbohydrate determinants)

Is describe as protein-linked carbohydrate structure responsible for the phenomenon of cross reactivity of sera from allergics patients towards a wide range of allergens from plant and insects.

#### If CCD POSITIVE:

cross reaction between allergens may results in multiple positive allergen detection, further investigation into each allergen may need to be studied. There is no classification for CCD. Any detection at 0.35 kU/l and above is considered as positive result.

#### If CCD NEGATIVE:

Positive reaction is specific to the allergen(s) detected.



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