

Immunoglobulin E

see Allergy

- **Immunoglobulin E, total, in serum**

Indication: Suspicion of allergies, atopy

Material: 1 ml serum

Stability: 7 days at 2 to 8°C

TAT: same day

Method: ECL

Units: IU/ml

Ref.- range: see report

Note: If the patient is taking multivitamins or dietary supplements containing high dose of Biotin (> 5 mg), the patient should stop taking it for at least 24 hours , before having the blood collection.

- **Immunoglobulin E, specific**

Indication: Allergy Screening

Material: 2 ml serum

Stability: 7 days at 2 to 8°C

TAT: 2-3 days

Method: Blot

Dimension: EAST classes and units

Ref. range: see report

Note: Classification of EAST classes are as follows:

Class	Concentration (kU/l)	Interpretation
0	<0.35	Negative
1	0.35 - 0.7	Very weak reaction
2	0.7 - 3.5	Weak reaction
3	3.5 - 17.5	Significant reaction
4	17.5 - 50.0	High reaction

5	50.0 - 100.0	Very high reaction
6	>100	Extremely high reaction

IgE levels in parasitosis:

Parasite	Pathogen	IgE level
Amoebiasis	Protozoa	normal
Ascariasis	Nematoda	considerably increased
Bilharziasis	Trematoda	considerably increased
Capillariasis	Nematoda	considerably increased
Echinococcosis	Cestoda	strongly increased
Filariosis	Nematoda	increased
Fasciola hepatica	Trematoda	strongly increased
Giardiasis	Protozoa	normal
Malaria	Protozoa	normal
Onchocerciasis	Nematoda	increased
Oxyuriasis	Nematoda	normal
Toxocariasis	Nematoda	increased
Trichinosis	Nematoda	increased
Trypanosomiasis	Protozoa	normal
Scabies	Acarina	increased

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>