

DHANUSH HEALTHCARE

Meru

RD Result Report

DEPARTMENT OF MICROBIOLOGY

Patient Name: MASTER VIHAAN

Referred By: Dr. Vivek Choudhary

Age/Sex : 08 Years/Male

Department: Skin/Opd

IPD/OPD : OPD (CMH/IP/210106)

ID : 4008292

Lab

Reported On : 02.07.2024 10:30 AM

Ordered On : 01.07.2024 10:30 AM

Collected On : 01.07.2024 11:00 AM

No. : CMH24210106

UHID

Sample Type : SERUM

TOTAL IgE ASSAY BY ELFA

TEST

METHOD

RESULT

IMPORTANT INFORMATION:

1. The VIDAS® Total IgE (IGE) is an automated quantitative enzyme linked fluorescent immunoassay (ELFA) for the determination of total IgE concentration in serum or plasma.
2. The VIDAS Total IgE assay is intended for use as an aid in the diagnosis of allergic diseases such as allergic rhinitis, allergic asthma, and atopic dermatitis. Measurement of IgE serum levels can be important in the diagnosis and treatment of these disorders.
3. In most nonatopic patients, IgE serum levels are relatively low. However, certain parasitic or helminth infections have been associated with elevated IgE levels due to IgE sensitization of macrophages, eosinophils, and other inflammatory cells.
4. Elevated IgE levels have also been reported in some forms of glomerular disease and in some immunodeficiency syndromes such as Wiskott- Aldrich syndrome.
5. The detection limit for the VIDAS Total IgE assay is 0.5 kIU/l.
6. Expected values in Adults: Among a group of healthy people free from any allergic manifestation, 95 % of obtained values are under 120 kIU/l. Children.
7. Expected values in children: These results are given by age (please see below)-

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Age group	0 to 20 kIU/l	21 to 50 kIU/l	51 to 10 kIU/l	>100 kIU/l
≤10 months n =93	70.0 %	20.4 %	6.4 %	3.2 %
2years n =86	31.4 %	23.2 %	18.6 %	26.7 %
4years n =49	20.4 %	20.4 %	16.3 %	42.9 %
5 - 10years n =27	11.1 %	22.2 %	22.2 %	44.5 %
>10years n =11	27.3 %	9.0 %	27.3 %	36.4 %

LIMITATIONS

1. Low total IgE concentrations do not necessarily indicate the absence of allergies. Some patients may have a low total IgE but a high concentration of specific IgE antibody.