TEST REPORT

36170117545

Master. KEONI MELVIN MENSAH

Tel No : 123
PID NO: P36170017406
Age: 10 Year(s) Sex: Male

Reference: Dr.GILEAD MEDICAL
Sample Collected At:
Ghana

VID: 36170117545
Registered On:
14/11/2017 04:25 PM
Collected On:
14/11/2017 9:55PM
Reported On:
18/11/2017 04:39 PM

Investigation	Observed Value	Unit	Biological Reference Interval
tTG (Tissue Transglutaminase) IgA (Serum,CLIA)	Negative(<0.200)	AU/mL	Negative: < 8 Positive: >= 8 Please note change in reference range and method

Interpretation:

1. Is used for the quantitative detection of autoantibodies of IgA class directed against tissue transglutaminase (tTG) in human serum or plasma
2. tTG is a calcium-dependent enzyme widely distributed in body fluids and tissues especially the gastrointestinal submucosa. tTG activity is increased in the jejunal mucosa in Celiac disease/Gluten sensitive enteropathy, which is a chronic condition affecting genetically susceptible individuals.
3. Untreated subjects may be asymptomatic or may suffer from failure to thrive, diarrhoea, gastrointestinal disorder anaemia, chronic fatigue or psychiatric problems
4. In conjunction with other tests it aids in the diagnosis of celiac disease.
5. IgA correlates with disease activity and is thus of paramount importance for diet monitoring. It may also help in detection of untreated subclinical cases

ASSOCIATED TESTS :

1. Gliadin antibodies (IgG and IgA)
2. Endomysial antibodies
3. HLA-DQ2/DQ8

***IgA Total** (Serum,Nephelometry)	144.00	mg/dL	17-318

Interpretation :

1. Decreased levels are seen in primary immunodeficiency conditions and in secondary immune insufficiencies like advanced malignant tumours, lymphatic leukemias, multiple myeloma and Waldenstrom`s disease.
2. Increased concentrations occur due to polyclonal or oligoclonal immunoglobulin proliferations seen in hepatic disease, acute/chronic infections and autoimmune disease.

-- End of Report --

Refer to conditions of reporting overleaf ***Referred Test* *Results relate only to the sample as received*

Dr. Talat Khan
MBBS, MD (PATHOLOGY)