PharmEasy Labs

NAME : YASHASWI(27Y/F)

TEST NAME	TECHNOLOGY	VALUE	UNITS
25-OH VITAMIN D (TOTAL)	**C.L.I.A**	**17.77**	**ng/mL**

Bio. Ref. Interval. :

DEFICIENCY : <20 ng/ml || INSUFFICIENCY : 20-<30 ng/ml
SUFFICIENCY : 30-100 ng/ml || TOXICITY : >100 ng/ml

Clinical Significance:

Vitamin D is a fat soluble vitamin that has been known to help the body absorb and retain calcium and phosphorous; both are critical for building bone health. Decrease in vitamin D total levels indicate inadequate exposure of sunlight, dietary deficiency, nephrotic syndrome. Increase in vitamin D total levels indicate Vitamin D intoxication.

Specifications: Precision: Intra assay (%CV):5.3%, Inter assay (%CV):11.9% ; Sensitivity:3.2 ng/ml.

Kit Validation Reference: Holick MF. Vitamin D Deficiency. N Engl J Med. 2007;357:266–81.

Method : Fully Automated Chemi Luminescent Immuno Assay

VITAMIN B-12	**E.C.L.I.A**	**< 100**	**pg/mL**

Bio. Ref. Interval. :

Normal: 197-771 pg/ml

Clinical significance :
Vitamin B12 or cyanocobalamin, is a complex corrinoid compound found exclusively from animal dietary sources, such as meat, eggs and milk. It is critical in normal DNA synthesis, which in turn affects erythrocyte maturation and in the formation of myelin sheath. Vitamin-B12 is used to find out neurological abnormalities and impaired DNA synthesis associated with macrocytic anemias. For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, clinical examination and other findings.

Specifications: Intra assay (%CV):2.6%, Inter assay (%CV):2.3 %

Kit Validation Reference : Thomas L.Clinical laborator Diagnostics : Use and Assessment of Clinical laboratory Results 1st Edition,TH Books-Verl-Ges,1998:424-431

Method : Fully Automated Electrochemiluminescence Compititive Immunoassay

Please correlate with clinical conditions.

Sample Collected on (SCT) : 26 Mar 2025 08:42
Sample Received on (SRT) : 27 Mar 2025 04:10
Report Released on (RRT) : 27 Mar 2025 07:40
Sample Type : SERUM
Labcode : 2603128426/DG007
Barcode : DT302500

Dr Renuka MD(Path)

Dr Arshiya MD(Path)

Note:- Underlined values are Critical Values, Clinician's attention required.

Clinically Tested by :Thyrocare Technologies Ltd - (CAP & NABL accredited)

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