

Corporate Office : Thyrocare Technologies Limited D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703

☎ 022 - 3090 0000 / 4125 2525 ✉ wellness@thyrocare.com 🌐 www.thyrocare.com

## REPORT

NAME : SHARMISTHA SAHA (36Y/F)

REF. BY : WELLNESS - DSA

TEST ASKED : AAROGRAM  
1.3,HOMO,TSH-LH-FSH-PRL,AMYL,LASE,CHL,SOD

SAMPLE COLLECTED AT :

PRABHABATI BHAWAN, NANGI STATION ROAD,  
BATANAGAR, KOLKATA - - 700140

| TEST NAME                      | TECHNOLOGY     | VALUE       | UNITS        |
|--------------------------------|----------------|-------------|--------------|
| <b>25-OH VITAMIN D (TOTAL)</b> | <b>C.L.I.A</b> | <b>5.37</b> | <b>ng/ml</b> |
| <b>Reference Range :</b>       |                |             |              |
| DEFICIENCY : <20 ng/ml         |                |             |              |
| INSUFFICIENCY : 20-30 ng/ml    |                |             |              |
| SUFFICIENCY : 30-100 ng/ml     |                |             |              |
| TOXICITY : >100 ng/ml          |                |             |              |

Vitamin D Total test is analyzed on Siemens ADVIA Centaur, standardized against ID-LC/MS/MS, as per Vitamin D Standardization Program (VDSP).

**Method :** FULLY AUTOMATED CHEMI LUMINESCENT IMMUNO ASSAY

|                     |                |            |              |
|---------------------|----------------|------------|--------------|
| <b>VITAMIN B-12</b> | <b>C.L.I.A</b> | <b>548</b> | <b>pg/ml</b> |
|---------------------|----------------|------------|--------------|

**Reference Range :**

Normal : 211 - 911 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):4.0%, Inter assay (%CV):4.4 %;Sensitivity:45 pg/ml

External quality control program participation:

College of American pathologists: ligand assay (general) survey; CAP number: 7193855-01

Kit validation references:

Chen IW,Sperling MI,Heminger IA.Vitamin B12.In:Pesce AJ,Kalpan LA,editors.Methods in clinical chemistry.  
St.Louis:CV Mosby,1987.P.569-73.

**Method :** FULLY AUTOMATED BIDIRECTIONALLY INTERFACED CHEMI LUMINESCENT IMMUNO ASSAY

**Please correlate with clinical conditions.**

Sample Collected on (SCT) : 14 Jun 2016 07:00

Sample Received on (SRT) : 15 Jun 2016 02:29

Report Released on (RRT) : 15 Jun 2016 06:38

Sample Type : SERUM

Labcode : 140647875/DSA00

Barcode : 72185517



Dr.Durgaprasad N Agrawal MD



Dr.Caesar Sengupta MD

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