



Name : **MRS. SABA**
Age/Gender : **28YEARS/FEMALE**
Sample Type : **SERUM**
Reff By : **C/O GOVT HOSPITAL**
TypedBy : **Bharat Saini**

Bill Number : **M2100**
Bill Date : **10-Jun-2024 01:05 PM**
Sample Collection : **10-Jun-2024 01:26 PM**
Sample Received : **10-Jun-2024 01:27 PM**
Reporting Date : **10-Jun-2024 07:30 PM**

Vitamin - B12

INVESTIGATION

Vitamin B - 12
(Method: CLIA)

RESULT

> 2000 pg/mL

UNITS

NORMAL RANGE

Normal Range:180-914 pg/mL
Indeterminate Range : 145-180 pg/mL
Deficient Range:<145 pg/mL

INTERPRETATION:

- * Vitamin B12 is a member of the vitamin B complex. It contains cobalt and is also known as cobalamin.
- * B12 is necessary for the synthesis of RBCs, the maintenance of the nervous system and growth and development in children.
- * Increased in Myeloproliferative disorders, leukemias, leucocytosis, liver disorders like hepatitis, cirrhosis, hepatic coma.
- * Decreased in individuals with pernicious anemia, individuals with gastrointestinal disorders, vegetarians and older adults.

-----End of the Report-----

Authorized Signatory




LAB INCHARGE



Name : **MRS. SABA**
Age/Gender : **28YEARS/FEMALE**
Sample Type : **SERUM**
Reff By : **C/O GOVT HOSPITAL**
TypedBy : **Bharat Saini**

Bill Number : **M2100**
Bill Date : **10-Jun-2024 01:05 PM**
Sample Collection : **10-Jun-2024 01:26 PM**
Sample Received : **10-Jun-2024 01:27 PM**
Reporting Date : **10-Jun-2024 07:30 PM**

25-Hydroxy Vitamin D Total (D2 & D3)

INVESTIGATION

RESULT

UNITS

NORMAL RANGE

Vitamin D Total 25,OH (D2 & D3)
(Method: CLIA)

13.9

ng/ml

Deficiency : Less than 20.0
Insufficiency: 21 - 29
Sufficiency : 30 - 100
Toxicity : > 100

Interpretation:

- Vitamin D is a steroid hormone involved in the intestinal absorption of calcium and the regulation of calcium homeostasis. Vitamin D is essential for the formation and maintenance of strong, healthy bones.
- Vitamin D deficiency can result from inadequate exposure to the sun, inadequate alimentary intake, decreased absorption, abnormal metabolism, or vitamin D resistance.
- In addition to rickets in children, recently, many chronic diseases such as cancer, high blood pressure, osteoporosis, and several autoimmune diseases have been linked to vitamin D deficiency

-----End of the Report-----

Authorized Signatory




LAB INCHARGE