

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mrs. CL133	Billing Date : 07/07/2023 12:18:13
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Female	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012616	Report Released on : 14/07/2023 19:50:48
Accession No : 10002304672	Barcode No. : 10002304672-01, 10002304672-02
Referring Doctor : Self	Ref no. :
Referred By :	

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Bone Profile

Vitamin D 25 - Hydroxy

Sample: Serum
Method: ECLIA

5.2 L

Deficiency < 20
Insufficiency 20 - 30
Sufficiency 30 - 100
Toxicity > 100

ng/mL

Phosphorus

Sample: Serum
Method: Spectrophotometry-Phosphomolybdate Reduction

3.4

2.6 - 4.5

mg/dL

Parathyroid Hormone, Intact (iPTH)

Sample: EDTA Plasma
Method: ECLIA

58.0

15.0 - 65.0

pg/mL

Vitamin D 25 - Hydroxy

Clinical Significance :

The 25-hydroxy vitamin D test is used to detect bone weakness or other bone malfunctions or disorders that occur as a result of a vitamin D deficiency. Those who are at high risk of having low levels of vitamin D include people who don't get much exposure to the sun, older adult, people with obesity, babies who are breastfed only, post gastric bypass surgery, Crohn's disease and other intestinal malabsorption conditions. Hypervitaminosis D usually occurs due to over intake of Vitamin D supplementation.

Phosphorus

Clinical Significance :

Serum phosphorus levels are low in case of shift of phosphate from extracellular to intracellular space, renal phosphate wasting, loss from the gastrointestinal tract, and loss from intracellular stores. Serum Phosphorus levels rise when the kidneys have an inability to excrete phosphate, increased intake or a shift from of phosphate from the tissues into the extracellular fluid.

Parathyroid Hormone, Intact (iPTH)

10002304672 Mrs. CL133



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COMMENTS / INTERPRETATION :

- PTH plays an important role in maintaining calcium homeostasis.
- Hypocalcemia, or peripheral tissue resistance to PTH can result in secondary hyperparathyroidism.
- Chronic overproduction can occur in renal failure contributing to renal osteodystrophy.
- Hypoparathyroidism can result from parathyroidectomy or thyroidectomy.

** End of Report**



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Senior Consultant

