

L19 - SINGH LABORATORY
 SHAHU MARKET, HOSAIRPUR ROAD
 DASUYA



Collected 19/11/2019 4:49:00PM

Received 19/11/2019 4:58:28PM

Reported 20/11/2019 9:46:22AM

Report Status Final

Name: Mrs. TARSEM KUMARI

Age: 56 Years

Gender: Female

Lab No. 270897131

A/c Status P

Ref By : Dr. S.RAJ (MD)

Test Name	Results	Units	Bio. Ref. Interval
VITAMIN D, 25 - HYDROXY, SERUM (CLIA)	13.03	nmol/L	75.00 - 250.00

Interpretation

LEVEL	REFERENCE RANGE IN nmol/L	COMMENTS
Deficient	< 50	High risk for developing bone disease
Insufficient	50-74	Vitamin D concentration which normalizes Parathyroid hormone concentration
Sufficient	75-250	Optimal concentration for maximal health benefit
Potential intoxication	>250	High risk for toxic effects

Note

- The assay measures both D2 (Ergocalciferol) and D3 (Cholecalciferol) metabolites of vitamin D.
- 25 (OH)D is influenced by sunlight, latitude, skin pigmentation, sunscreen use and hepatic function.
- Optimal calcium absorption requires vitamin D 25 (OH) levels exceeding 75 nmol/L.
- It shows seasonal variation, with values being 40-50% lower in winter than in summer.
- Levels vary with age and are increased in pregnancy.
- A new test Vitamin D, Ultrasensitive by LC-MS/MS is also available

Comments

Vitamin D promotes absorption of calcium and phosphorus and mineralization of bones and teeth. Deficiency in children causes Rickets and in adults leads to Osteomalacia. It can also lead to Hypocalcemia and Tetany. Vitamin D status is best determined by measurement of 25 hydroxy vitamin D, as it is the major circulating form and has longer half life (2-3 weeks) than 1,25 Dihydroxy vitamin D (5-8 hrs).

Decreased Levels



Regd. Office/National Reference Lab: Dr Lal PathLabs Ltd., Block E, Sector-18, Rohini, New Delhi - 110085
Tel: +91 11 30244100, 302445050 | Fax: +91 11 27882134, E-mail: lalpathlabs@lalpathlabs.com
Web: www.lalpathlabs.com, CIN No.: L74899DL1995PLC065388

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SHAHU MARKET, HOSAIRPUR ROAD
DASUYA



Test Name	Results	Units	Bio. Ref. Interval
<ul style="list-style-type: none"> • Inadequate exposure to sunlight • Dietary deficiency • Vitamin D malabsorption • Severe Hepatocellular disease • Drugs like Anticonvulsants • Nephrotic syndrome 	.	.	.

Increased levels

Vitamin D intoxication

Pengshui

of Kunst

Dr Himangshu Mazumdar
MD, Biochemistry
Senior Consultant - Clinical Chemistry
& Biochemical Genetics
NRI - Dr Lal PathLabs Ltd

Dr Nimmi Kansal
MD, Biochemistry
National Head - Clinical Chemistry &
Biochemical Genetics
NRL - Dr Lal PathLabs Ltd

----- End of report -----

IMPORTANT INSTRUCTIONS

*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory.
*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician *Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes *Contact customer care Tel No. +91-11-39885050 for all queries related to test results.
(#) Sample drawn from outside source.

PUNJAB

Clinical Laboratory & E.C.G.



Mob.94647-83031

Near Civil Hospital, Hajipur Teh. Mukerian (Hoshiarpur)

Fully Computerised Lab

Email: punjablabhajipur@yahoo.com



REG NO. : OPD / 21

NAME : Smt. Tarsem Kumari

AGE : 56 Years

SEX : Female

REF BY : S.S

DATE : 18.11.2019

Hemoglobin : 11.0 gm% 11.5 - 16.0

Total Leucocytes Count : 9400 /cmm 4000 - 11000

Differential Leucocyte Count

Neutrophil : 65 % 50 - 70

Lymphocytes : 27 % 20 - 40

Monocytes : 03 % 2 - 8

Eosinophils : 05 % 1 - 4

Basophil : 00 % 0 - 1

RBC count : 3.89 mil./cu.mm. 3.8 - 5.8

Platelets Count : 159000 /cmm 150000 - 450000

BIOCHEMISTRY

Blood Glucose (Random) : 190 mg/dl 70 - 140

Serum Uric Acid : 6.22 mg/dl 2.3 - 6.0

Serum Calcium : 8.3 mg% 9 - 11

URINE ANALYSIS REPORT

<u>TESTS</u>	<u>RESULTS</u>	<u>UNIT</u>	<u>REFERENCE RANGE</u>
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Physical Examination

Colour : Pale Yellow

Quantity : 20 ml

Appearance : Clear

Specific gravity : 1012

Reaction (pH) : Acidic 4.8-7.6

Chemical Examination

SUGAR : +

Albumin : trace

Microscopic Examination

In Charge
R. Singh
(B.Sc.MLT)

Not Valid For Medico Legal Purpose

RBC Computerised Cell Counter, Bio Chemistry Auto Analyzer, ESR Analyzer,
PUS(WBC) Cells Urine Auto Analyzer, Coagulometer etc.

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Fully Computerised Lab

Email: punjablabhajipur@yahoo.com

REG NO. : OPD / 21

NAME : Smt. Tarsem Kumari

AGE : 56 Years

SEX : Female

REF BY : S.S

DATE : 18/11/2019

Epithelial Cells : few /hpf

Casts : nil

Crystals : nil

Technologist

Incharge
R. Singh
(B.Sc.MLT)

Not Valid For Medico Legal Purpose

Computerised Cell Counter, Bio Chemistry Auto Analyzer, ESR Analyzer,
Urine Analyzer, Auto Calorimeter etc.

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Fully Computerised Lab

Email: punjablabhajipur@yahoo.com

REG NO. : OPD / 18

NAME : Smt. Tarsem Kumari

AGE : 56 Years

SEX : Female

REF BY : S.S

DATE : 27/11/2019

Hemoglobin

: 10.6

gm%

11.5 - 16.0

Total Leucocytes Count

: 8800

/cmm

4000 - 11000

Differential Leucocyte Count

Neurophil

: 48

%

50 - 70

Lymphocytes

: 40

%

20 - 40

Monocytes

: 05

%

2 - 8

Eosinophils

: 07

%

1 - 4

Basophil

: 00

%

0 - 1

RBC count

: 3.81

mil./cu.mm.

3.8 - 5.8

Platelets Count

: 152000

/cmm

150000 - 450000

BIOCHEMISTRY

Blood Glucose (Random)

: 99

mg/dl

70 - 140

Serum Uric Acid

: 5.87

mg/dl

2.3 - 6.0

Blood Urea

: 27

mg/dl

10 - 45

Serum Creatinine

: 0.9

mg/dl

0.8 - 1.2

SERUM ELECTROLYTES

Serum Sodium

: 142

mmol

135 - 155

Serum Potassium

: 4.1

m. eq/l

3.8 - 5.2

Serum Calcium

: 8.7

m. eq/l

8.5 - 10.5

LIPID PROFILE

S. Cholesterol

: 181

mg/dl

125 - 225

S. Triglycerides

: 257

mg/dl

25 - 160

HDL Cholesterol

: 60

mg/dl

30 - 70

LDL Cholesterol

: 69.6

mg/dl

85 - 150

VLDL Cholesterol

: 51.4

mg/dl

7 - 35

LDLC/HDLC RATIO

: 1.16

mg/dl

2.5 - 3.5

TC/HDLC RATIO

: 4.28

mg/dl

Not Valid For Medico Legal Purpose

S. Cholesterol/HDLC Ratio : 3.02

Incharge

R. Singh

(B.Sc.MLT)

Computerised Cell Counter, Bio Chemistry Auto Analyzer, ESR Analyzer,
Urine Auto Analyzer, Gastro



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Specific gravity	: 1012		
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Chemical Examination

SUGAR	: Nil	
Albumin	: trace	

Microscopic Examination

RBC	: 1-2	/hpf
PUS(WBC) Cells	: 4-6	/hpf
Epithelial Cells	: few	/hpf
Casts	: nil	
Crystals	: nil	

Technologist

*Incharge
R. Singh
(B.Sc.MLT)*

Not Valid For Medico Legal Purpose

Computerised Cell Counter, Bio Chemistry Auto Analyzer, ESR Analyzer,
Urine Analyzer, Auto Calorimeter etc.