



BML442058

Laboratory Investigation Report

Name	: Ms. SARAB RASHED	Ref No.	: 42896
DOB	: 20/11/1980	Sample No.	: 2407451868
Age / Gender	: 43 Y 8 M / Female	Collected	: 21/07/2024 20:00
Referred by	: DR HUMAIRA	Registered	: 21/07/2024 21:48
Centre	: CITICARE MEDICAL CENTER	Reported	: 22/07/2024 07:41

IMMUNOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
VITAMIN D, 25-OH (TOTAL)	20		ng/mL	Deficiency: <20 Insufficiency: 20 - <30 Sufficiency: 30 - 80 Toxicity: >80 Please note change. Source: Roche IFU.	ECLIA

INTERPRETATION NOTES :

Vit D (25 – OH) is the sum of Vit D2 (25 – OH) and Vit D3 (25 – OH). In normal persons not taking external supplements - Vit D3 comprises approximately 90 % of the total.

25 hydroxy (25–OH) vitamin D3 or calcidiol is the storage form of vitamin D3. Deficiency is associated with osteoporosis, multiple sclerosis, and rheumatoid arthritis, and mood disorders. Both Vitamin D2 and Vitamin D3 are converted to 25–OH vitamin D3 in the liver. 25 hydroxy vitamin D3 circulates to the kidney where it is converted to 1, 25 hydroxy vitamins D3 or calcitriol, the functional form of the vitamin.

Calcitriol is vital to calcium regulation and low serum calcium causes release of parathormone which converts 25–OH vitamin D3 to 1, 25 –OH vitamin D3 which then triggers osteolysis releasing calcium into the bloodstream.

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

This is an electronically authenticated report

Page 1 of 2

Haleem

HALEEM HAKKIM
Laboratory Technician

Printed on: 22/07/2024 19:41

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





BML442058

Laboratory Investigation Report

Name	: Ms. SARAB RASHED	Ref No.	: 42896
DOB	: 20/11/1980	Sample No.	: 2407451868
Age / Gender	: 43 Y 8 M / Female	Collected	: 21/07/2024 20:00
Referred by	: DR HUMAIRA	Registered	: 21/07/2024 21:48
Centre	: CITICARE MEDICAL CENTER	Reported	: 22/07/2024 07:41

ENDOCRINOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
THYROID STIMULATING HORMONE (TSH)	1.27		uIU/mL	0.27 - 4.2	ECLIA

Reference Range for
Pregnant:
First Trimester: 0.24 – 2.99
Second Trimester:
0.46 – 2.95
Third Trimester: 0.43 – 2.78

Sample Type : Serum

End of Report

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

This is an electronically authenticated report

Page 2 of 2

Haleem

HALEEM HAKKIM
Laboratory Technician

Printed on: 22/07/2024 19:41

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.

