



BML435008

Laboratory Investigation Report

Name	: Mr. SALMAAN AZEEM	Ref No.	: 43516
DOB	: 04/02/1979	Sample No.	: 2407444734
Age / Gender	: 45 Y 5 M / Male	Collected	: 07/07/2024 11:00
Referred by	: CITICARE MEDICAL CENTER	Registered	: 07/07/2024 16:13
Centre	: CITICARE MEDICAL CENTER	Reported	: 07/07/2024 18:59

ENDOCRINOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
FOLLICLE STIMULATING HORMONE (FSH)	4.4		mIU/mL	1.4 - 18.1	ECLIA

INTERPRETATION NOTES :

Increased level of FSH and LH are found in hypogonadism, anorchia, gonadal failure, complete testicular feminization syndrome, menopause, Klinefelter syndrome, alcoholism, and castration.
Decreased level is seen in pituitary or hypothalamic failure

LUTEINISING HORMONE (LH)	9	IU/L	1.5 - 9.3	ECLIA
TESTOSTERONE (TOTAL)	19.8	nmol/L	8.64 - 29	ECLIA

Please note change in method and reference range.
Source: Roche IFU.

INTERPRETATION NOTES :

Tanner Stage Interpretation Table (Source:Roche IFU):

Tanner Stage	Reference Ranges (Male)	Reference Ranges (Female)
Tanner Stage I (> 14 days):	Undetectable - 0.087	Undetectable - 0.21
Tanner Stage II (11.5 years):	Undetectable - 14.99	Undetectable - 0.36
Tanner Stage III (13.6 years):	2.25 - 27.00	Undetectable - 0.82
Tanner Stage IV (15.1 years):	6.24 - 26.45	Undetectable - 0.92
Tanner Stage V (18.0 years):	6.51 - 30.50	0.16 - 1.32

High amounts of testosterone in the body can lead to a lower sperm count.

Low testosterone concentrations can be caused by testicular failure (primary hypogonadism) or inadequate stimulation by pituitary gonadotropins (secondary hypogonadism).

Sample Type : Serum

End of Report

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

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

Pradeep Dhamotharan

This is an electronically authenticated report

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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.

