

BML462083

Laboratory Investigation Report

Name : SOHAIL ASGHAR ASGHAR ALI
DOB : 22/10/1989
Age / Gender : 34 Y 10 M / Male
Referred by : rajkumar
Centre : CITICARE MEDICAL CENTER

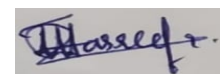
Ref No. :
Sample No. : 2409472392
Collected : 06/09/2024 09:20
Registered : 06/09/2024 09:20
Reported : 06/09/2024 17:12

CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
SEMEN ANALYSIS					
INVESTIGATION					
SPECIMEN PRODUCED AT	9:35 AM			-	
SPECIMEN RECEIVED AT	9:42 AM			-	
ABSTINENCE	-		Days	-	
PHYSICAL EXAMINATION					
COLOUR	Opaque White			-	Visual
VOLUME (QUANTITY)	2.3		ml	2.0 - 5.0	Visual
LIQUEFACTION TIME	<30		minutes	20 - 30	Visual
VISCOSITY	Normal			NULL	Visual
CHEMICAL EXAMINATION					
REACTION (PH)	8.0			7.1 - 8.0	Litmus paper
SPERM COUNT					
NO. OF SPERM / ML	37.3		Millions/mL	15 - 150	Microscopy
NO. OF SPERM / EJACULATE	85.79		Millions/mL	22.5 - 750	Microscopy
MOTILITY					
GRADE 4 (FAST AND FORWARD PROGRESSION WHERE SPERM MOVE IN A STRAIGHT DIRECTION)	35		%	= or > 40 % with average grade of = or > 2.5	Microscopy
GRADE 3 (SPERM MOVE FORWARD BUT AT A SLOWER SPEED AND/OR IN A CURVED DIRECTION)	30		%	NULL	Microscopy
GRADE 2 (SPERM MOVE SLOWLY AND IN A POORLY DEFINED DIRECTION)	20		%	NULL	Microscopy
GRADE 1 (SPERM MOVE BUT FAIL TO PROGRESS FORWARD)	05		%	NULL	Microscopy
GRADE 0 (SPERM SHOW NO SIGNS OF MOVEMENT)	10		%	NULL	Microscopy
SPERM MORPHOLOGY					
TOTAL NORMAL FORMS	10		%	= or > 4.5	Microscopy
TOTAL ABNORMAL FORMS	90		%	NULL	Microscopy
ABNORMAL HEAD FORMS	42		%	NULL	Microscopy
MID- PORTION ABNORMALITIES	20		%	NULL	Microscopy
TAIL ABNORMALITIES	28		%	NULL	Microscopy
IMMATURE FORMS	00		%	NULL	Microscopy


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

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


Thasreef Raihana

Medical Microbiology Technologist

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.





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CELLULARITY					
LEUCOCYTES (PUS CELLS)	0-1		/HPF	Nil	Microscopy
ERYTHROCYTES - RED BLOOD CELLS	0-1		/HPF	Nil	Microscopy
EPITHELIAL CELLS	0-1		/HPF	0 - 4	Microscopy
OTHERS					
SPERM AGGLUTINATION	Grade 1			Low Grades are harmless, but greater agglutination grades impeded fertilisation.	Microscopy

INTERPRETATION NOTES :

Low or absent sperm count can be seen in orchitis, varicocele, Klinefelter syndrome, radiation treatment to the testicles and diseases that can cause shrinking (atrophy) of the testicles (such as mumps), ejaculation problems, tumors, undescended testicles, hormone imbalance.

High sperm count can be seen in polyzoospermia, Hyperspermia.

* Sperm Agglutination:

Grade 0 = No agglutination.

Grade 1 = Some agglutination groups, but not higher than 10%.

Grade 2 = More than 30% of spermatozoa is forming agglutination groups.

Please note update in format and reference range effective 29 June 2017.

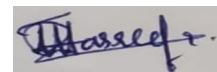
Sample Type : Semen

End of Report



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