

Patient Name : Mr. JORDAN JOHN ROBERT GALLAGHER	Sample UID No. : 4091522
Age / Gender : 32 Y / Male	Sample Collected On : 29-06-2025 16:46
Patient ID : QLD091322	Registered On : 29-06-2025 16:54
Referred By : CITY CARE	Reported on : 29-06-2025 21:05
Referral Client : CITICARE MEDICAL CENTER	External Patient ID : 46014
	Print Version : V.1

Department of CLINICAL PATHOLOGY
#SEMEN ANALYSIS
Final Report

Parameter	Result	Reference Value
Collection time	12.35 pm	
Reception time	01:40 pm	Within 30 minutes of ejaculation
Place of collection	Outside	
Complete/Incomplete	Complete	
Consistency	Normal	Thick and Viscous
Colour	Opaque Grey	Opaque Grey
Volume	2.5 ml	≥ 1.5 ml
Liquefaction time	65 Minutes	Less than 30 minutes
pH	8.0	Alkaline (>7.2)
Total sperm count	2 Millions	> 39 millions
Sperm count/ml	0.8 Millions/ml	> 15 millions/ml
Motility within 1 hr	Progressive: 14 % Non-progressive: 12 % Non-motile: 74 %	Progressive > 32% PR + Non-PR > 40%
Microscopic		
WBCs	0-2/HPF	Less than 5 /HPF
Epithelial cells	0-1 /HPF	Less than 5 /HPF
RBCs	0-1 /HPF	Less than 2 /HPF
Others	Nil	

- END OF REPORT -

"QLabs compliance with ISO 15189:2022 standards"

Verified By

Sheik mohammed Irfan
Lab Technician

DHA No : 27218690-001



Authorised By

Dr. Dheepa Manoharan
Medical Director
Specialist Microbiologist
DHA No. 00231751-004

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Comments:

Sample was processed and released under client request, Recommended repeat testing after 2 to 7 abstinence.

CORRELATION OF SPERM MOTILITY AS PER W.H.O CRITERIA & MACLEOD GRADES:

A. Rapid linear progressive motility includes Macleod-s Grade IV&III

Grade IV : Excellent swift progressive motility.

Grade III: Moderate progressive motility.

B. Sluggish linear progressive motility corresponds to Macleod-s Grade II

Grade II : Struggling progressive motility.

C. Non progressive motility corresponds to Macleod-s Grade I

Grade I : Poor sluggish Non progressive motility.

* In cases of Azoospermia – Semen sample is centrifuged and wet mount seen for presence of sperms. The patients are recommended to repeat semen analysis after 2-7 days of abstinence for the confirmation of diagnosis.

* This report excludes sperm morphology and vital stain.

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.

*REFERENCE LIMITS FOR SEMEN CHARACTERISTICS: W.H.O MANUAL 2010(5TH EDITION).

- END OF REPORT -

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