

DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mr. JOHN CYRRIAN	Sample UID No.	: 4079291
Age / Gender	: 45Y/MALE	Sample Collected On	: 12-05-2025 20:44 PM
Patient ID	: QLD079149	Registered On	: 12-05-2025 21:14 PM
Referred By	: Dr. AMAIZAH	Reported on	: 13-05-2025 08:26 PM
Referral Client	: CITICARE MEDICAL CENTER(INSURANCE)	External Patient ID	: 35419
Emirates ID / Passport No		Print Version	

HAEMATOLOGY					
Test Name	Results	Biological Reference Interval	Units	Specimen	Test Method
CBC - Complete Blood Count					
<i>Sample : Whole Blood EDTA</i>					
RBC	4.97	4.5 - 5.9	10 ⁶ / uL		Hydrodynamically focussed DC detection method
Haemoglobin	14.60	13.5 - 18	g/dL		SLS Method
Hematocrit	42.9	40 - 50	%		RBC pulse height detection method
MCV	86.3	80 - 101	fL		Cell Count computation
MCH	29.4	27 - 32	Pg		Cell Count computation
MCHC	34.0	31.5 - 34.5	g/dL		Cell Count computation
Red Cell Distribution Width	12.3	11.6 - 14	%		Cell Count computation
Total WBC Count	6.52	4 - 10	10 ³ /uL		Fluorescence Flow Cytometry
Neutrophils	50	40 - 75	%		Fluorescence Flow Cytometry
Lymphocytes	37.3	20 - 40	%		Fluorescence Flow Cytometry
Eosinophils	2.9	1 - 6	%		Fluorescence Flow Cytometry
Monocytes	9.2	2 - 10	%		Fluorescence Flow Cytometry
Basophils	0.5	< 2	%		Fluorescence Flow Cytometry
Absolute Count					
Absolute Neutrophil Count (ANC)	3.27	2 - 7	10 ³ /uL		Fluorescence Flow Cytometry
Absolute Lymphocyte Count (ALC)	2.43	1 - 3	10 ³ /uL		Fluorescence Flow Cytometry
Absolute Eosinophil Count (AEC)	0.19	0.02 - 0.5	10 ³ /uL		Fluorescence Flow Cytometry

Verified By


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

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Absolute Basophil Count (ABC)	0.03	0.02 - 0.1	10 ³ /uL		Fluorescence Flow Cytometry
Absolute Monocyte Count (AMC)	0.60	0.2 - 1	10 ³ /uL		Fluorescence Flow Cytometry
Platelet	214	150 - 410	10 ³ /uL		Impedance
Mean Platelet Volume	11.90 H	7.6 - 10.8	fL		Cell Count computation

Value out of reference range should be confirmed (if clinically indicated) by repeating the test with a fresh sample. Low cell count or platelet count may be sample related(clot/lyse), suggested repeat fresh citrate and EDTA sample for confirmation. **Kindly note that Absolute counts are the preferred mode of evaluation of CBC data.

--- END OF HAEMATOLOGY---

--- End of Report ---

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BIOCHEMISTRY					
Test Name	Results	Biological Reference Interval	Units	Specimen	Test Method
Lipid Profile <i>Sample : Serum</i>					
Cholesterol - Total	225 H	Desirable: <200 BorderLine: 200 to 239 High: > 239	mg/dL		Enzymatic,Colorimetric Assay
Triglycerides	237 H	Normal : < 150 Borderline High : 150 - 199 High : 200 - 499 Very High : > 499	mg/dL		Glycerol Phosphate Oxidase
Notes: Meals rich in sugar, carbohydrates and fat, alcohol, obesity, poorly controlled diabetes, hypothyroidism, renal disease, inherited lipid disorders, drugs such as beta blockers, birth control pills, diuretics, steroids and tamoxifen can lead to elevated levels of triglycerides.					
HDL Cholesterol	50	No Risk: >56 Moderate Risk: 34.8-56 High Risk: <34.8	mg/dL		Enzymatic colorimetric
LDL Cholesterol Direct	140 H	Optimal: < 100 Near Optimal: 100 -129 Borderline High: 130 - 159 High: 160 - 189 Very High: ≥ 190	mg/dL		Enzymatic colorimetric
Cholesterol/HDL Ratio *	4.43 H	<4			Calculation
NON-HDL CHOLESTEROL *	174	Optimal: Less than 130 mg/dL Near/Above Optimal: 130-159 mg/dL Borderline High: 160-189 mg/dL High: 190-219 mg/dL Very High: Greater than 220 mg/dL	mg/dL		Calculation

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Test Name	Results	Biological Reference Interval	Units	Specimen	Test Method
Uric Acid	9.3 H	3.5 - 7.2	mg/dL	Serum	Uricase
CRP - C Reactive Protein	1.0	<5	mg/L	Serum	Particle enhanced Immunoturbidimetric
--- END OF BIOCHEMISTRY---					

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