

DEPARTMENT OF LABORATORY MEDICINE

Patient Name	: Mr. JOHN CYPRIAN	Sample UID No.	: 4088414
Age / Gender	: 45 Y /MALE	Sample Collected On	: 18-06-2025 09:11PM
Patient ID	: QLD088226	Registered On	: 18-06-2025 10:26PM
Referred By	: Dr. AISHA	Reported on	: 20-06-2025 04:00PM
Referral Client	: CITICARE MEDICAL CENTER	External Patient ID	: 35419
Emirates ID / Passport No		Print Version	

BIOCHEMISTRY					
Test Name	Results	Biological Reference Interval	Units	Specimen	Test Method
Fasting Blood Sugar	87	74-100	mg/dL	Fluoride Plasma^F	Enzymatic, Hexokinase
Notes: Factors such as type and time of food intake, infection, physical or psychological stress, exercise and drugs can influence the blood glucose level.					

Verified By



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

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Test Name	Results	Biological Reference Interval	Units	Specimen	Test Method
Lipid Profile <i>Sample : Serum</i>					
Cholesterol - Total	191	Desirable: <200 BorderLine: 200 to 239 High: > 239	mg/dL		Enzymatic,Colorimetric Assay
Triglycerides	267 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	41	No Risk: >56 Moderate Risk: 34.8-56 High Risk: <34.8	mg/dL		Enzymatic colorimetric
LDL Cholesterol Direct	107	Optimal: < 100 Near Optimal: 100 -129 Borderline High: 130 - 159 High: 160 - 189 Very High: ≥ 190	mg/dL		Enzymatic colorimetric
Cholesterol/HDL Ratio *	4.65 H	<4			Calculation
NON-HDL CHOLESTEROL *	150	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	6.3	3.5 - 7.2	mg/dL	Serum	Uricase
--- END OF BIOCHEMISTRY---					

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CLINICAL PATHOLOGY					
Test Name	Results	Biological Reference Interval	Units	Specimen	Test Method
Urine Routine <i>Sample : Urine</i>					
Color	Pale Yellow	Pale Yellow			Refraction
Appearance	Clear	Clear			Refraction
pH	6.0	5 - 7.5			pH indicator
Specific Gravity	1.016	1.005 - 1.025			Ion Concentration
Urine Albumin	Negative	Negative			Automated Protein-Error-Of-Indicators
Glucose	Negative	Negative			GOD/POD
Ketones	Negative	Negative			Legal's Test
Notes: Interpretation- *Positive result is seen in fasting, Pregnancy, Starvation, Diabetic Ketoacidosis * False positive result can occur with high colour urine, high specific gravity , low pH, Drugs like - Levodopa metabolites compounds with Sulfhydryl groups All results should be correlated with clinical history.					
Bilirubin	Negative	Negative			Reflectance Photometry
Urobilinogen	Normal	Normal			Reflectance Photometry
Nitrite	Negative	Negative			Reflectance Photometry
Pus Cells	0 - 2	0 - 5	/hpf		Auto Image EvaluationModule(AIEM)/Microscopy
RBC	0-1	0-3	/hpf		Auto Image EvaluationModule(AIEM)/Microscopy
Epithelial Cells	0 - 1	0 - 2	/hpf		Auto Image EvaluationModule(AIEM)/Microscopy

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Casts	Absent	Absent	/lpf		Auto Image EvaluationModule(AIEM)/Microscopy
Crystals	Absent	Absent	/lpf		Auto Image EvaluationModule(AIEM)/Microscopy
Mucus Thread	Absent	Absent			Auto Image Evaluation Module (AIEM)
Bacteria	Absent	Absent			Auto Image EvaluationModule(AIEM)/Microscopy
--- END OF CLINICAL PATHOLOGY---					

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D. Dheepa

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This Test is Outsourced to an Accredited Laboratory

--- End of Report ---