

CARDIOCARE MEDICAL CENTER

Department of Clinical Pathology
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COMPREHENSIVE BLOOD INVESTIGATION REPORT

Patient Name:	Rajesh Kumar	Report Date:	15-Dec-2025
Age/Gender:	58 years / Male	Report ID:	BLR-2024-4521
Referred By:	Dr. Ananya Sharma	Collection Time:	08:30 AM
Clinical History:	Routine cardiac checkup	Sample Type:	Venous Blood

COMPLETE BLOOD COUNT (CBC)

Test	Result	Unit	Reference Range
Hemoglobin	12.8	g/dL	13.5 - 17.5
RBC Count	4.2	million/uL	4.5 - 5.5
WBC Count	9,800	/uL	4,000 - 11,000
Platelet Count	185,000	/uL	150,000 - 400,000
PCV/Hematocrit	38.5	%	40 - 50
MCV	91.6	fL	80 - 100
MCH	30.5	pg	27 - 32
MCHC	33.2	g/dL	32 - 36

CARDIAC BIOMARKERS

Test	Result	Unit	Reference Range
NT-proBNP	856	pg/mL	< 125
BNP	425	pg/mL	< 100
Troponin I (hs)	0.028	ng/mL	< 0.04
CK-MB	18	U/L	< 25
D-Dimer	0.85	ug/mL FEU	< 0.50
hs-CRP	4.2	mg/L	< 3.0

THYROID FUNCTION TESTS

Test	Result	Unit	Reference Range
TSH	0.15	uIU/mL	0.4 - 4.0
Free T4 (FT4)	2.8	ng/dL	0.8 - 1.8

Free T3 (FT3)	5.2	pg/mL	2.3 - 4.2
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ELECTROLYTES & RENAL FUNCTION

Test	Result	Unit	Reference Range
Potassium (K+)	3.2	mEq/L	3.5 - 5.0
Sodium (Na+)	142	mEq/L	136 - 145
Magnesium (Mg++)	1.4	mg/dL	1.8 - 2.4
Calcium (Total)	9.2	mg/dL	8.5 - 10.5
Creatinine	1.3	mg/dL	0.7 - 1.3
BUN	22	mg/dL	7 - 20
eGFR	58	mL/min/1.73m2	> 90

COAGULATION PROFILE

Test	Result	Unit	Reference Range
PT (Prothrombin Time)	14.2	seconds	11 - 13.5
INR	1.4	ratio	0.9 - 1.1
aPTT	38	seconds	25 - 36
Fibrinogen	380	mg/dL	200 - 400

Dr. Priya Mehta, MD
Consultant Pathologist
Reg. No: MH-12345

Lab Technician
NABL Certified Lab