

COMPREHENSIVE BLOOD TEST REPORT

Patient Name:	John Doe
Date of Birth:	15/03/1985
Patient ID:	P123456
Test Date:	28/06/2025
Report Date:	28/06/2025
Lab:	Medical Diagnostic Center

BLOOD TEST RESULTS

COMPLETE BLOOD COUNT (CBC)

Test	Result	Reference Range	Units	Status
White Blood Cells (WBC)	7.2	4.5-11.0	K/ μ L	Normal
Red Blood Cells (RBC)	4.8	4.5-5.9	M/ μ L	Normal
Hemoglobin (HGB)	14.2	13.5-17.5	g/dL	Normal
Hematocrit (HCT)	42.5	41.0-50.0	%	Normal
Mean Corpuscular Volume (MCV)	88.5	80.0-100.0	fL	Normal
Mean Corpuscular Hemoglobin (MCH)	29.6	27.0-33.0	pg	Normal
Mean Corpuscular Hemoglobin Concentration (MCHC)	33.4	32.0-36.0	g/dL	Normal
Platelets	250	150-450	K/ μ L	Normal
Neutrophils	65	40-70	%	Normal
Lymphocytes	25	20-40	%	Normal
Monocytes	8	2-10	%	Normal
Eosinophils	2	1-4	%	Normal
Basophils	0.5	0-1	%	Normal

COMPREHENSIVE METABOLIC PANEL (CMP)

Test	Result	Reference Range	Units	Status
Glucose (Fasting)	95	70-100	mg/dL	Normal
Blood Urea Nitrogen (BUN)	15	7-20	mg/dL	Normal
Creatinine	0.9	0.7-1.3	mg/dL	Normal
Sodium	140	135-145	mEq/L	Normal
Potassium	4.0	3.5-5.0	mEq/L	Normal
Chloride	102	96-106	mEq/L	Normal
CO2 (Bicarbonate)	24	22-28	mEq/L	Normal
Calcium	9.5	8.5-10.5	mg/dL	Normal
Total Protein	7.2	6.0-8.3	g/dL	Normal
Albumin	4.2	3.5-5.0	g/dL	Normal
Total Bilirubin	0.8	0.3-1.2	mg/dL	Normal
Alkaline Phosphatase	70	44-147	U/L	Normal
AST (SGOT)	25	10-40	U/L	Normal
ALT (SGPT)	30	7-56	U/L	Normal

LIPID PANEL

Test	Result	Reference Range	Units	Status
Total Cholesterol	180	<200	mg/dL	Normal
HDL Cholesterol	55	>40	mg/dL	Normal
LDL Cholesterol	100	<100	mg/dL	Normal
Triglycerides	120	<150	mg/dL	Normal
Cholesterol/HDL Ratio	3.3	<5.0		Normal

THYROID FUNCTION TESTS

Test	Result	Reference Range	Units	Status
TSH (Thyroid Stimulating Hormone)	2.5	0.4-4.0	μIU/mL	Normal
Free T4	1.2	0.8-1.8	ng/dL	Normal
Free T3	3.2	2.3-4.2	pg/mL	Normal

SUMMARY AND INTERPRETATION

Overall Assessment: All blood test results are within normal reference ranges. **Key Findings:** • Complete Blood Count (CBC): All parameters normal, indicating healthy blood cell production • Comprehensive Metabolic Panel (CMP): Normal kidney and liver function, balanced electrolytes • Lipid Panel: Excellent cholesterol profile with low cardiovascular risk • Thyroid Function: Normal thyroid hormone levels **Recommendations:** • Continue current lifestyle and diet • Maintain regular exercise routine • Schedule follow-up in 6-12 months for routine monitoring **Notes:** This report represents a comprehensive health assessment. All values are within normal limits, indicating good overall health status.

Report Generated By: Medical Diagnostic Center

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