

SAMPLE HEALTH TEST REPORT (LAB INTERPRETER DATA)

Patient Information

- Patient Name:** Maya Thompson
- Age:** 27 years
- Gender:** Female
- Patient ID:** MT-45821
- Date of Collection:** 2025-01-12
- Report Date:** 2025-01-13
- Referring Physician:** Dr. Steven Morris



Complete Blood Count (CBC)

Test	Result	Reference Range	Interpretation
Hemoglobin	\$12.8 \text{ g/dL}	\$12.0 – 15.5 \text{ g/dL}	Normal
RBC Count	\$4.52 \text{ million}/\mu\text{L}	\$3.8 – 5.1 \text{ million}/\mu\text{L}	Normal
WBC Count	\$6,800 \text{ }/\mu\text{L}	\$4,000 – 11,000 \text{ }/\mu\text{L}	Normal
Platelets	\$245,000 \text{ }/\mu\text{L}	\$150,000 – 450,000 \text{ }/\mu\text{L}	Normal
Hematocrit	\$38.5\%	\$36–46\%	Normal
MCV	\$85 \text{ fL}	\$80–100 \text{ fL}	Normal
MCH	\$28.3 \text{ pg}	\$27–33 \text{ pg}	Normal
MCHC	\$33.2 \text{ g/dL}	\$32–36 \text{ g/dL}	Normal



Lipid Profile

Test	Result	Reference Range	Interpretation
Total Cholesterol	\$182 \text{ mg/dL}	\$< 200 \text{ mg/dL}	Optimal
HDL (Good Cholesterol)	\$54 \text{ mg/dL}	\$> 50 \text{ mg/dL}	Good
LDL (Bad Cholesterol)	\$108 \text{ mg/dL}	\$< 130 \text{ mg/dL}	Near Optimal
Triglycerides	\$118 \text{ mg/dL}	\$< 150 \text{ mg/dL}	Normal
VLDL	\$24 \text{ mg/dL}	\$10–40 \text{ mg/dL}	Normal
Cholesterol/HDL Ratio	3.37	< 4.5	Ideal

Liver Function Test (LFT)

Test	Result	Reference Range	Interpretation
AST (SGOT)	\$22 \text{ U/L}\$	\$10–40 \text{ U/L}\$	Normal
ALT (SGPT)	\$19 \text{ U/L}\$	\$7–56 \text{ U/L}\$	Normal
Alkaline Phosphatase	\$84 \text{ U/L}\$	\$44–147 \text{ U/L}\$	Normal
Total Bilirubin	\$0.7 \text{ mg/dL}\$	\$0.1–1.2 \text{ mg/dL}\$	Normal
Direct Bilirubin	\$0.2 \text{ mg/dL}\$	\$0–0.3 \text{ mg/dL}\$	Normal
Albumin	\$4.4 \text{ g/dL}\$	\$3.5–5.0 \text{ g/dL}\$	Normal
Total Protein	\$7.1 \text{ g/dL}\$	\$6.0–8.3 \text{ g/dL}\$	Normal

Kidney Function Test (KFT)

Test	Result	Reference Range	Interpretation
Serum Creatinine	\$0.74 \text{ mg/dL}\$	\$0.6–1.1 \text{ mg/dL}\$	Normal
Blood Urea Nitrogen (BUN)	\$14 \text{ mg/dL}\$	\$7–20 \text{ mg/dL}\$	Normal
Uric Acid	\$4.1 \text{ mg/dL}\$	\$2.6–6.0 \text{ mg/dL}\$	Normal
Sodium	\$139 \text{ mmol/L}\$	\$135–145 \text{ mmol/L}\$	Normal
Potassium	\$4.2 \text{ mmol/L}\$	\$3.5–5.1 \text{ mmol/L}\$	Normal
Chloride	\$103 \text{ mmol/L}\$	\$98–107 \text{ mmol/L}\$	Normal

Thyroid Profile

Test	Result	Reference Range	Interpretation
TSH	\$2.14 \text{ \muIU/mL}\$	\$0.4 – 4.0 \text{ \muIU/mL}\$	Normal
Free T3	\$3.1 \text{ pg/mL}\$	\$2.3 – 4.2 \text{ pg/mL}\$	Normal
Free T4	\$1.19 \text{ ng/dL}\$	\$0.8 – 1.8 \text{ ng/dL}\$	Normal

Blood Glucose

Test	Result	Reference Range	Interpretation
Fasting Glucose	\$89 \text{ mg/dL}	\$70–99 \text{ mg/dL}	Normal
HbA1c	\$5.3\%	\$< 5.7\%	Normal

Urine Routine Test

Test	Result	Reference Range	Interpretation
Color	Pale Yellow	—	Normal
Appearance	Clear	—	Normal
pH	6.0	4.5–8.0	Normal
Specific Gravity	1.015	1.005–1.030	Normal
Protein	Negative	Negative	Normal
Glucose	Negative	Negative	Normal
Ketones	Negative	Negative	Normal
RBCs	0–1 /hpf	0–2 /hpf	Normal
WBCs	2–3 /hpf	0–5 /hpf	Normal