

Patient Information

- Patient Name:** Maya Thompson
 - Age:** 28 years
 - Gender:** Female
 - Patient ID:** MT-45821
 - Date of Collection:** 2025-07-10
 - Report Date:** 2025-07-11
 - Referring Physician:** Dr. Steven Morris
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кровь Complete Blood Count (CBC)

(*Slight decrease in hemoglobin – may indicate mild iron deficiency*)

Test	Previous	Latest Result	Reference Range
Hemoglobin	\$12.8 \text{ g/dL}	\$11.9 \text{ g/dL}	\$12.0–15.5 \text{ g/dL}
RBC Count	\$4.52 \text{ M}/\mu\text{L}	\$4.36 \text{ M}/\mu\text{L}	\$3.8–5.1 \text{ M}/\mu\text{L}
WBC Count	\$6,800 \text{ /\mu L}	\$7,200 \text{ /\mu L}	\$4,000–11,000 \text{ /\mu L}
Platelets	\$245,000 \text{ /\mu L}	\$258,000 \text{ /\mu L}	\$150,000–450,000 \text{ /\mu L}
Hematocrit	\$38.5\%	\$36.9\%	\$36–46\%
MCV	\$85 \text{ fL}	\$84 \text{ fL}	\$80–100 \text{ fL}
MCH	\$28.3 \text{ pg}	\$27.3 \text{ pg}	\$27–33 \text{ pg}
MCHC	\$33.2 \text{ g/dL}	\$32.2 \text{ g/dL}	\$32–36 \text{ g/dL}

血脂 Lipid Profile

(*Cholesterol and LDL increased slightly — could be diet/lifestyle related*)

Test	Previous	Latest Result	Reference Range
Total Cholesterol	\$182 \text{ mg/dL}	\$198 \text{ mg/dL}	\$< 200 \text{ mg/dL}
HDL	\$54 \text{ mg/dL}	\$52 \text{ mg/dL}	\$> 50 \text{ mg/dL}
LDL	\$108 \text{ mg/dL}	\$122 \text{ mg/dL}	\$< 130 \text{ mg/dL}
Triglycerides	\$118 \text{ mg/dL}	\$131 \text{ mg/dL}	\$< 150 \text{ mg/dL}

VLDL	\$24 \text{ mg/dL}	\$26 \text{ mg/dL}	\$10–40 \text{ mg/dL}
Chol/HDL Ratio	3.37	3.80	< 4.5

Liver Function Test (LFT)

(Liver values remain healthy)

Test	Previous	Latest Result	Reference Range	Trend
AST	22 U/L	24 U/L	10–40 U/L	Stable
ALT	19 U/L	23 U/L	7–56 U/L	Slight rise but normal
ALP	84 U/L	90 U/L	44–147 U/L	Stable
Total Bilirubin	0.7 mg/dL	0.8 mg/dL	0.1–1.2 mg/dL	Slight increase
Direct Bilirubin	0.2 mg/dL	0.2 mg/dL	0–0.3 mg/dL	Stable
Albumin	4.4 g/dL	4.3 g/dL	3.5–5.0 g/dL	Slight decrease
Total Protein	7.1 g/dL	7.0 g/dL	6.0–8.3 g/dL	Stable

Kidney Function Test (KFT)

(Creatinine and BUN slightly increased but normal)

Test	Previous	Latest Result	Reference Range	Trend
Creatinine	0.74 mg/dL	0.81 mg/dL	0.6–1.1 mg/dL	↑ Small rise
BUN	14 mg/dL	16 mg/dL	7–20 mg/dL	Slight increase
Uric Acid	4.1 mg/dL	4.4 mg/dL	2.6–6.0 mg/dL	Slight rise
Sodium	139 mmol/L	140 mmol/L	135–145 mmol/L	Stable
Potassium	4.2 mmol/L	4.1 mmol/L	3.5–5.1 mmol/L	Stable
Chloride	103 mmol/L	104 mmol/L	98–107 mmol/L	Stable

Thyroid Profile

(TSH slightly increased but still normal — could indicate early borderline hypothyroid tendencies)

Test	Previous	Latest Result	Reference Range
TSH	\$2.14 \text{ }\mu\text{U/mL}	\$3.12 \text{ }\mu\text{U/mL}	\$0.4–4.0 \text{ }\mu\text{U/mL}
Free T3	\$3.1 \text{ pg/mL}	\$3.0 \text{ pg/mL}	\$2.3–4.2 \text{ pg/mL}
Free T4	\$1.19 \text{ ng/dL}	\$1.10 \text{ ng/dL}	\$0.8–1.8 \text{ ng/dL}

⚡ Blood Glucose

Test	Previous	Latest Result	Reference Range
Fasting Glucose	\$89 \text{ mg/dL}	\$96 \text{ mg/dL}	\$70–99 \text{ mg/dL}
HbA1c	\$5.3\%	\$5.5\%	\$< 5.7\%

🔍 Urine Routine Test

Test	Previous	Latest Result	Reference Range
Color	Pale Yellow	Pale Yellow	—
Appearance	Clear	Clear	—
pH	6.0\$	\$6.5\$	\$4.5–8.0\$
Specific Gravity	\$1.015\$	\$1.017\$	\$1.005–1.030\$
Protein	Negative	Negative	—
Glucose	Negative	Negative	—
Ketones	Negative	Negative	—
RBCs	\$0–1 \text{ /hpf}\$	\$1–2 \text{ /hpf}\$	\$0–2 \text{ /hpf}\$
WBCs	\$2–3 \text{ /hpf}\$	\$3–4 \text{ /hpf}\$	\$0–5 \text{ /hpf}\$