

# Check Up Lab Report

**IMPORTANT NOTICE:** This is a **mock / fictional laboratory report** created for demonstration, testing, or design purposes only. It does **not** represent real medical data and should not be used for diagnosis or treatment.

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## Clinic Information

- **Clinic:** General Health Diagnostics
  - **Report Type:** Annual Checkup Laboratory Report (Quest-style format)
  - **Specimen ID:** LAB-X9F3-20491
  - **Patient ID:** PT-773104
  - **Order ID:** ORD-558201
  - **Collection Date:** 2026-01-12
  - **Report Date:** 2026-01-13
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## Complete Blood Count (CBC)

| Test                    | Result | Units                     | Reference Range |
|-------------------------|--------|---------------------------|-----------------|
| Hemoglobin              | 14.1   | g/dL                      | 12.0 – 16.0     |
| White Blood Cells (WBC) | 6.8    | $\times 10^3/\mu\text{L}$ | 4.0 – 11.0      |
| Red Blood Cells (RBC)   | 4.72   | $\times 10^6/\mu\text{L}$ | 4.2 – 5.4       |
| Hematocrit              | 42.3   | %                         | 36.0 – 46.0     |
| Platelets               | 255    | $\times 10^3/\mu\text{L}$ | 150 – 450       |

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## Metabolic & Chemistry Panel

| Test                  | Result | Units  | Reference Range |
|-----------------------|--------|--------|-----------------|
| Fasting Blood Glucose | 96     | mg/dL  | 70 – 99         |
| Hemoglobin A1c        | 5.4    | %      | < 5.7           |
| Sodium                | 139    | mmol/L | 135 – 145       |
| Potassium             | 4.2    | mmol/L | 3.5 – 5.1       |
| Creatinine            | 0.88   | mg/dL  | 0.6 – 1.3       |

| Test | Result | Units | Reference Range |
|------|--------|-------|-----------------|
| BUN  | 14     | mg/dL | 7 – 20          |

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## Lipid Panel

| Test                    | Result            | Units | Reference Range |
|-------------------------|-------------------|-------|-----------------|
| Total Cholesterol       | <b>218 (High)</b> | mg/dL | < 200           |
| LDL Cholesterol         | <b>142 (High)</b> | mg/dL | < 100           |
| HDL Cholesterol         | 52                | mg/dL | ≥ 40            |
| Triglycerides           | 168               | mg/dL | < 150           |
| Cholesterol / HDL Ratio | 4.2               | Ratio | < 5.0           |

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## Vital Signs (Reported)

| Measurement      | Value    | Units             |
|------------------|----------|-------------------|
| Blood Pressure   | 132 / 84 | mmHg              |
| Heart Rate       | 72       | bpm               |
| Respiratory Rate | 16       | breaths/min       |
| Body Temperature | 98.4     | °F                |
| BMI              | 25.8     | kg/m <sup>2</sup> |

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## Provider Summary (Annual Checkup)

Overall laboratory results are within normal limits for hematology and metabolic function. Blood glucose and A1c levels are normal, indicating good glycemic control. Kidney function markers are unremarkable. Lipid panel demonstrates **mild hypercholesterolemia**, with elevated total cholesterol and LDL levels. Blood pressure is mildly elevated but does not meet criteria for hypertension at this time.

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## Comments & Action Plan

**Assessment:** - Mildly elevated total cholesterol and LDL - Borderline blood pressure - Otherwise normal annual screening labs

**Recommended Action Plan (Preventive):** 1. Adopt a heart-healthy diet (reduce saturated fats, increase fiber). 2. Increase aerobic physical activity to at least 150 minutes per week. 3. Recheck lipid panel in 6-12 months. 4. Monitor blood pressure periodically at home or during routine visits. 5. Maintain healthy weight and limit sodium intake.

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**Disclaimer:** This document is a fictional, non-clinical mock report created for illustrative purposes only.