Fictional sample report: not a real person. Invented laboratory, invented values.

Fictional Wellness Laboratory

Austin, TX (invented lab) · Laboratory Report, two collections

Patient	EXAMPLE, SAM (fictional)
Sex / Age	Male / 50

Collected 04/02/2026 08:00 · Fasting: Yes (12 h) · Specimen: serum

Test	Result	Flag	Units	Reference Interval	Method
Vitamin D, 25-Hydroxy	28	L	ng/mL	30-100	Immunoassay
Vitamin B12	410		pg/mL	232-1245	Immunoassay
LDL Cholesterol Calc	128	H	mg/dL	0-99	Calculated (Friedewald)
Ferritin	30		ng/mL	30-400	Immunoassay
TSH	2.40		uIU/mL	0.45-4.50	Immunoassay
Testosterone, Total	512		ng/dL	264-916	Immunoassay

Collected 10/15/2026 08:20 · Fasting: Yes (12 h) · Specimen: serum

Test	Result	Flag	Units	Reference Interval	Method
Vitamin D, 25-Hydroxy	33		ng/mL	30-100	LC-MS/MS [1]
Vitamin B12	335		pmol/L	171-919	Immunoassay [2]
LDL Cholesterol, Direct	121	H	mg/dL	0-99	Direct measurement [3]
Ferritin	34		ng/mL	30-400	Immunoassay
TSH	2.20		uIU/mL	0.45-4.50	Immunoassay
Testosterone, Total	17.2		nmol/L	9.2-31.8	LC-MS/MS [4]

[1] From 06/01/2026 vitamin D is measured by LC-MS/MS (previously immunoassay).

[2] From 06/01/2026 vitamin B12 is reported in pmol/L (previously pg/mL). Same method.

[3] LDL cholesterol is measured directly (previously calculated by the Friedewald equation).

[4] From 06/01/2026 total testosterone is measured by LC-MS/MS and reported in nmol/L (previously immunoassay, ng/dL).

Reference intervals are this (invented) laboratory's.