



Patient	Mei Lin Tan	Accession	SYN-2026-52760
Date of birth	05 Sep 2001 (24y)	Collected	02 May 2026 · 08:00
Sex	F	Received	02 May 2026 · 11:00
Patient ID	PAT-100833	Reported	04 May 2026
Insurance	DAK-Gesundheit · D-918273645	Ordering provider	Dr. med. Carla Vogt — Hausärztin
		Specimen	Serum, EDTA whole blood

Vitamin & Iron Status

Chemistry · Serum

Analyte	Result	Reference	Unit
Vitamin D (25-OH)	93	30 – 100	ng/mL
Vitamin B12	634	200 – 900	pg/mL
Folate	11.5	3.0 – 17.0	ng/mL
Ferritin	250 H !	15 – 200	ng/mL
Iron	132	60 – 170	µg/dL
Transferrin Saturation	47	20 – 50	%

Vitamin D (25-OH): LC-MS/MS

Complete Blood Count (CBC)

Hematology · EDTA whole blood

Analyte	Result	Reference	Unit
Hemoglobin	8.8	12.0 – 15.5	g/dL
Hematocrit	22	36 – 46	%
RBC	4.74	4.00 – 5.20	10 ⁶ /µL
WBC	31.5 !! HIGH	4.0 – 11.0	10 ³ /µL
Platelets	307	150 – 400	10 ³ /µL
MCV	85.3	80.0 – 100.0	fL

Hemoglobin: Photometry

Interpretation

Critical value(s) detected (WBC). Ordering provider notified by phone. Immediate clinical correlation advised.

Dr. med. A. Novak, MD PhD

Authorized by (electronically signed)