

Received: 21/Oct/2025 10:58:15
Verified: 21/Oct/2025 16:03:07

Name: OLENA ZYNOVIEVA	Collection Date : 21/Oct/2025 09:08:00	Doctor: REFERRAL (VALEO WELLBEING DUBAI)
Sample Id: D25294026	Passport No:	Emirates ID: 784198879709602
Patient Id: MR00643687	Nationality: UKRAINIAN	Center: VALEO WELLBEING DUBAI
Age/Sex: 36 Years/Female	Telephone: 971000000000	Clinic Barcode : VALEO-92273
DOB: 27/Nov/1988	File No: 45349	E-mail:
Fasting: Yes		

Test Name	Result	Flag	Units	Ref. Val.
Iron	154		µg/dL	(50 - 170) Pregnancy Related Reference Range: 1st Trimester: 72 - 143 2nd Trimester: 44 - 178 3rd Trimester: 30 - 193
Sample Type: Serum				
Method: Ferrozine Colorimetric Method				
Total Iron Binding Capacity (TIBC)	418		µg/dL	(250 - 425) Pregnancy Related Reference Range: 1st Trimester: 235 - 408 2nd Trimester: 302 - 519 3rd Trimester: 302 - 597
Sample Type: Serum				
Method: Chromazuro Colorimetric				
Due to changes in instrumentation / methodology as of 22/06/2024, please see updated reference range for Total Iron Binding Capacity (TIBC).				
✓ Transferrin Saturation	36.84		%	(20 - 50)
Sample Type: Serum				
Method: Calculation				

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Test Name	Result	Flag	Units	Ref. Val.
Ferritin	27.1		ng/mL	(10 - 291) Pregnancy Related Reference Range: 1st Trimester: 6 - 130 2nd Trimester: 2 - 230 3rd Trimester: 0 - 116

Sample Type: Serum

Method: CLIA

Ferritin is a high molecular weight protein containing iron and it functions as an iron store complex. Under normal conditions, serum ferritin level is associated with the amount of iron stores; however, serum ferritin level may increase disproportionately to iron stores in hepatic and renal diseases, in systemic infection or inflammation, in malignancies, and in patients who are chronically transfused with erythrocyte suspensions (Seyhan et al. A comparative study Eur J Rheumatol 2014; 1: 92-5). The reference range has been reviewed and updated as of 27-06-2024.

Homocysteine

4.44

umol/L

Less than 12 (Folate Supplemented)
Less than 15 (Non-Supplemented)

Sample Type: Serum

Method: Enzymatic


Results of this assay should always be interpreted in conjunction with the patient's medical history, clinical presentation, and other findings. Patients taking methotrexate, nicotinic acid, theophylline, nitrous oxide, S-adenosyl-methionine or L-dopa can have falsely elevated serum or plasma HCY levels.

Test Name	Result	Flag	Units	Ref. Val.
Vitamin D Total (25-Hydroxycholecalciferol)	31.48		ng/mL	Less than 20 Deficiency (20 - 30) Insufficiency More than 30 Adequate
	78.7		nmol/L	Less than 50.0 Deficiency (50.0 - 75.0) Insufficiency More than 75.0 Adequate

Sample Type: Serum

Method: CLIA

Do not use samples that contain fluorescein. Fluorescein levels > 0.10 µg/mL can produce falsely elevated results in this assay. The reference range has been reviewed and updated as of 08-10-2024.

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Test Name	Result	Flag	Units	Ref. Val.
Tri-Iodothyronine-Total (TT3)	3.31		nmol/L	(0.92 - 2.79)

Sample Type: Serum

Method: CLIA

Due to changes in instrumentation / methodology as of 09/07/2024, please see updated reference range for Tri-Iodothyronine-Total (TT3).

Thyroxine - Total (TT4)	138.0		nmol/L	(41.3 - 162.5)
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Sample Type: Serum


Method: CLIA

Samples should not be taken from patients receiving therapy with high biotin or vitamin B7 doses (ie, >5 mg/day) until at least 12 hours following the last biotin administration. The reference range has been reviewed and updated as of 09/07/2024.

Test Name	Result	Flag	Units	Ref. Val.
Iodine	In Process			

Method: ICP/MS

Due to a change in instrumentation, as of 10-07-2022. Please find updated reference range for Iodine. Referral test.

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