

Quest Diagnostics	PATIENT INFORMATION	REPORT STATUS: FINAL
SPECIMEN INFORMATION	Name	ORDERING PHYSICIAN
SPECIMEN:	DOB:	Name
REQUISITION:	AGE:	CLIENT INFORMATION
Lab ref no:	GENDER:	Private MD Labs
	FASTING:	
COLLECTED: 10/31/2022 11:16AM PDT		
RECEIVED: 10/31/2022 11:17AM PDT		
REPORTED: 11/03/2022 02:42PM PDT		

Test Name	Result	Flag	Reference Range	Lab
FASTING: YES				
Comprehensive Metabolic Panel				
GLUCOSE	88	NORMAL	65-99 mg/dL	02
Fasting reference interval				
UREA NITROGEN (BUN)	16	NORMAL	7-25 mg/dL	02
CREATININE	1.03	NORMAL	0.60-1.24 mg/dL	02
EGFR	103	NORMAL	> OR = 60 mL/min/1.73m2	02
The eGFR is based on the CKD-EPI 2021 equation. To calculate the new eGFR from a previous Creatinine or Cystatin C result, go to https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator				
BUN/CREATININE RATIO	NOT APPLICABLE	NORMAL	6-22 (calc)	02
SODIUM	139	NORMAL	135-146 mmol/L	02
POTASSIUM	4.6	NORMAL	3.5-5.3 mmol/L	02
CHLORIDE	101	NORMAL	98-110 mmol/L	02
CARBON DIOXIDE	32	NORMAL	20-32 mmol/L	02
CALCIUM	10.0	NORMAL	8.6-10.3 mg/dL	02
PROTEIN, TOTAL	7.5	NORMAL	6.1-8.1 g/dL	02
ALBUMIN	5.1	NORMAL	3.6-5.1 g/dL	02
GLOBULIN	2.4	NORMAL	1.9-3.7 g/dL (calc)	02
ALBUMIN/GLOBULIN RATIO	2.1	NORMAL	1.0-2.5 (calc)	02
BILIRUBIN, TOTAL	0.9	NORMAL	0.2-1.2 mg/dL	02
ALKALINE PHOSPHATASE	51	NORMAL	36-130 U/L	02
AST	15	NORMAL	10-40 U/L	02
ALT	12	NORMAL	9-46 U/L	02
Testosterone, Free (Dialysis) and Total, MS				
TESTOSTERONE, TOTAL, MS	640	NORMAL	250-1100 ng/dL	01
For additional information, please refer to http://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS (This link is being provided for informational/educational purposes only.)				
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.				
TESTOSTERONE, FREE	115.7	NORMAL	35.0-155.0 pg/mL	01
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Estradiol				
ESTRADIOL	17	NORMAL	< OR = 39 pg/mL	02

Reference range established on post-pubertal patient population. No pre-pubertal reference range established using this assay. For any patients for whom low Estradiol levels are anticipated (e.g. males, pre-pubertal children and hypogonadal/post-menopausal females), the Quest Diagnostics Nichols Institute Estradiol, Ultrasensitive, LCMSMS assay is recommended (order code 30289).

Please note: patients being treated with the drug fulvestrant (Faslodex(R)) have demonstrated significant interference in immunoassay methods for estradiol measurement. The cross reactivity could lead to falsely elevated estradiol test results leading to an inappropriate clinical assessment of estrogen status.

Quest Diagnostics order code 30289-Estradiol, Ultrasensitive LC/MS/MS demonstrates negligible cross reactivity with fulvestrant.

FSH (Follicle Stimulating Hormone)

FSH	4.2	NORMAL	1.6-8.0 mIU/mL	02
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LUTEINIZING HORMONE

LH	7.4	NORMAL	1.5-9.3 mIU/mL	02
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CBC (includes Differential and Platelets)

WHITE BLOOD CELL COUNT	5.5	NORMAL	3.8-10.8 Thousand/uL	02
RED BLOOD CELL COUNT	5.13	NORMAL	4.20-5.80 Million/uL	02
HEMOGLOBIN	14.4	NORMAL	13.2-17.1 g/dL	02
HEMATOCRIT	42.8	NORMAL	38.5-50.0 %	02
MCV	83.4	NORMAL	80.0-100.0 fL	02
MCH	28.1	NORMAL	27.0-33.0 pg	02
MCHC	33.6	NORMAL	32.0-36.0 g/dL	02
RDW	12.2	NORMAL	11.0-15.0 %	02
PLATELET COUNT	205	NORMAL	140-400 Thousand/uL	02
MPV	11.6	NORMAL	7.5-12.5 fL	02
ABSOLUTE NEUTROPHILS	2354	NORMAL	1500-7800 cells/uL	02
ABSOLUTE BAND NEUTROPHILS	DNR	NORMAL	0-750 cells/uL	02
ABSOLUTE METAMYELOCYTES	DNR	NORMAL	0 cells/uL	02
ABSOLUTE MYELOCYTES	DNR	NORMAL	0 cells/uL	02
ABSOLUTE PROMYELOCYTES	DNR	NORMAL	0 cells/uL	02
ABSOLUTE LYMPHOCYTES	2354	NORMAL	850-3900 cells/uL	02
ABSOLUTE MONOCYTES	391	NORMAL	200-950 cells/uL	02
ABSOLUTE EOSINOPHILS	292	NORMAL	15-500 cells/uL	02
ABSOLUTE BASOPHILS	110	NORMAL	0-200 cells/uL	02
ABSOLUTE BLASTS	DNR	NORMAL	0 cells/uL	02
ABSOLUTE NUCLEATED RBC	DNR	NORMAL	0 cells/uL	02
NEUTROPHILS	42.8	NORMAL	%	02
BAND NEUTROPHILS	DNR	NORMAL	%	02
METAMYELOCYTES	DNR	NORMAL	%	02
MYELOCYTES	DNR	NORMAL	%	02
PROMYELOCYTES	DNR	NORMAL	%	02
LYMPHOCYTES	42.8	NORMAL	%	02
REACTIVE LYMPHOCYTES	DNR	NORMAL	0-10 %	02
MONOCYTES	7.1	NORMAL	%	02
EOSINOPHILS	5.3	NORMAL	%	02
BASOPHILS	2.0	NORMAL	%	02
BLASTS	DNR	NORMAL	%	02
NUCLEATED RBC	DNR	NORMAL	0 /100 WBC	02
COMMENT (S)	DNR	NORMAL		02
