

Quest Diagnostics
 SPECIMEN INFORMATION
 SPECIMEN:
 REQUISITION:
 Lab ref no:

 COLLECTED: 10/19/2022 10:19AM PDT
 RECEIVED: 10/19/2022 10:20AM PDT
 REPORTED: 10/21/2022 08:49PM PDT

PATIENT INFORMATION
Name
 DOB:
 AGE:
 GENDER:
 FASTING:

REPORT STATUS: FINAL
 ORDERING PHYSICIAN
Name
 CLIENT INFORMATION
 Private MD Labs

Test Name	Result	Flag	Reference Range	Lab
FASTING: YES				
Comprehensive Metabolic Panel				
GLUCOSE	85	NORMAL	65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	14	NORMAL	7-25 mg/dL	01
CREATININE	0.89	NORMAL	0.70-1.30 mg/dL	01
EGFR	103	NORMAL	> OR = 60 mL/min/1.73m2	01
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)	01
SODIUM	135	NORMAL	135-146 mmol/L	01
POTASSIUM	4.8	NORMAL	3.5-5.3 mmol/L	01
CHLORIDE	104	NORMAL	98-110 mmol/L	01
CARBON DIOXIDE	25	NORMAL	20-32 mmol/L	01
CALCIUM	9.3	NORMAL	8.6-10.3 mg/dL	01
PROTEIN, TOTAL	7.2	NORMAL	6.1-8.1 g/dL	01
ALBUMIN	4.4	NORMAL	3.6-5.1 g/dL	01
GLOBULIN	2.8	NORMAL	1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.6	NORMAL	1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.6	NORMAL	0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	77	NORMAL	35-144 U/L	01
AST	21	NORMAL	10-35 U/L	01
ALT	20	NORMAL	9-46 U/L	01
Testosterone, Total, MS				
TESTOSTERONE, TOTAL, MS	1122	HIGH	250-1100 ng/dL	02
For additional information, please refer to https://education.questdiagnostics.com/faq/TotalTestosteroneLCMSMS (This link is being provided for informational/educational purposes only.) (Note)				
This test was developed and its analytical performance characteristics have been determined by medfusion. 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.				
MDF med fusion 2501 South State Highway 121, Suite 1100 Lewisville TX 75067 972-966-7300 Michael Chaump, MD				
Estradiol				
ESTRADIOL	21	NORMAL	< OR = 39 pg/mL	01

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	<0.7	LOW	1.6-8.0 mIU/mL	01
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LUTEINIZING HORMONE

LH	<0.2	LOW	1.5-9.3 mIU/mL	01
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CBC (includes Differential and Platelets)

WHITE BLOOD CELL COUNT	5.1	NORMAL	3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	5.44	NORMAL	4.20-5.80 Million/uL	01
HEMOGLOBIN	16.3	NORMAL	13.2-17.1 g/dL	01
HEMATOCRIT	48.5	NORMAL	38.5-50.0 %	01
MCV	89.2	NORMAL	80.0-100.0 fL	01
MCH	30.0	NORMAL	27.0-33.0 pg	01
MCHC	33.6	NORMAL	32.0-36.0 g/dL	01
RDW	13.4	NORMAL	11.0-15.0 %	01
PLATELET COUNT	293	NORMAL	140-400 Thousand/uL	01
MPV	10.4	NORMAL	7.5-12.5 fL	01
ABSOLUTE NEUTROPHILS	3233	NORMAL	1500-7800 cells/uL	01
ABSOLUTE BAND NEUTROPHILS	DNR	NORMAL	0-750 cells/uL	01
ABSOLUTE METAMYELOCYTES	DNR	NORMAL	0 cells/uL	01
ABSOLUTE MYELOCYTES	DNR	NORMAL	0 cells/uL	01
ABSOLUTE PROMYELOCYTES	DNR	NORMAL	0 cells/uL	01
ABSOLUTE LYMPHOCYTES	1372	NORMAL	850-3900 cells/uL	01
ABSOLUTE MONOCYTES	423	NORMAL	200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	51	NORMAL	15-500 cells/uL	01
ABSOLUTE BASOPHILS	20	NORMAL	0-200 cells/uL	01
ABSOLUTE BLASTS	DNR	NORMAL	0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR	NORMAL	0 cells/uL	01
NEUTROPHILS	63.4	NORMAL	%	01
BAND NEUTROPHILS	DNR	NORMAL	%	01
METAMYELOCYTES	DNR	NORMAL	%	01
MYELOCYTES	DNR	NORMAL	%	01
PROMYELOCYTES	DNR	NORMAL	%	01
LYMPHOCYTES	26.9	NORMAL	%	01
REACTIVE LYMPHOCYTES	DNR	NORMAL	0-10 %	01
MONOCYTES	8.3	NORMAL	%	01
EOSINOPHILS	1.0	NORMAL	%	01
BASOPHILS	0.4	NORMAL	%	01
BLASTS	DNR	NORMAL	%	01
NUCLEATED RBC	DNR	NORMAL	0 /100 WBC	01
COMMENT(S)	DNR	NORMAL		01
