

Quest Diagnostics

## PATIENT INFORMATION

REPORT STATUS: FINAL

## SPECIMEN INFORMATION

SPECIMEN: ZW289654E

REQUISITION: 117170625

Lab ref no:

**Lawrence**

DOB: August 13, 1973

AGE: 49

GENDER: Male

FASTING: Unknown

COLLECTED: 06/20/2023 08:57AM PDT

RECEIVED: 06/20/2023 08:59AM PDT

REPORTED: 06/21/2023 08:53AM PDT

Clinical Info:

ORDERING PHYSICIAN

**Porter, Angela**

NPI: 1578561015

CLIENT INFORMATION

Private MD Labs

445 Hwy 46S

Suite 29-214

Dickson, TN 37055

Test Name	Result	Flag	Reference Range	Lab
FASTING: YES				
FASTING: YES				
<b>Comprehensive Metabolic Panel</b>				
GLUCOSE	89	NORMAL	65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	16	NORMAL	7-25 mg/dL	01
CREATININE	1.26	NORMAL	0.60-1.29 mg/dL	01
EGFR	70	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 <a href="https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator">https://www.kidney.org/professionals/kdoqi/gfr%5Fcalculator</a>				
BUN/CREATININE RATIO	NOT APPLICABLE	NORMAL	6-22 (calc)	01
SODIUM	140	NORMAL	135-146 mmol/L	01
POTASSIUM	4.5	NORMAL	3.5-5.3 mmol/L	01
CHLORIDE	106	NORMAL	98-110 mmol/L	01
CARBON DIOXIDE	29	NORMAL	20-32 mmol/L	01
CALCIUM	8.9	NORMAL	8.6-10.3 mg/dL	01
PROTEIN, TOTAL	6.4	NORMAL	6.1-8.1 g/dL	01
ALBUMIN	4.2	NORMAL	3.6-5.1 g/dL	01
GLOBULIN	2.2	NORMAL	1.9-3.7 g/dL (calc)	01
ALBUMIN/GLOBULIN RATIO	1.9	NORMAL	1.0-2.5 (calc)	01
BILIRUBIN, TOTAL	0.4	NORMAL	0.2-1.2 mg/dL	01
ALKALINE PHOSPHATASE	43	NORMAL	36-130 U/L	01
AST	42	HIGH	10-40 U/L	01
ALT	18	NORMAL	9-46 U/L	01
<b>Estradiol</b>				
ESTRADIOL	<15	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.				
<b>FSH (Follicle Stimulating Hormone)</b>				
FSH	5.6	NORMAL	1.6-8.0 mIU/mL	01
<b>LH (Luteinizing Hormone)</b>				
LH	4.7	NORMAL	1.5-9.3 mIU/mL	01

**CBC (includes Differential and Platelets)**

WHITE BLOOD CELL COUNT	6.3	NORMAL	3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	4.67	NORMAL	4.20-5.80 Million/uL	01
HEMOGLOBIN	13.8	NORMAL	13.2-17.1 g/dL	01
HEMATOCRIT	42.4	NORMAL	38.5-50.0 %	01
MCV	90.8	NORMAL	80.0-100.0 fL	01
MCH	29.6	NORMAL	27.0-33.0 pg	01
MCHC	32.5	NORMAL	32.0-36.0 g/dL	01
RDW	13.0	NORMAL	11.0-15.0 %	01
PLATELET COUNT	217	NORMAL	140-400 Thousand/uL	01
MPV	10.8	NORMAL	7.5-12.5 fL	01
ABSOLUTE NEUTROPHILS	3547	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	2079	NORMAL	850-3900 cells/uL	01
ABSOLUTE MONOCYTES	523	NORMAL	200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	120	NORMAL	15-500 cells/uL	01
ABSOLUTE BASOPHILS	32	NORMAL	0-200 cells/uL	01
ABSOLUTE BLASTS	DNR	NORMAL	0 cells/uL	01
ABSOLUTE NUCLEATED RBC	DNR	NORMAL	0 cells/uL	01
NEUTROPHILS	56.3	NORMAL	%	01
BAND NEUTROPHILS	DNR	NORMAL	%	01
METAMYELOCYTES	DNR	NORMAL	%	01
MYELOCYTES	DNR	NORMAL	%	01
PROMYELOCYTES	DNR	NORMAL	%	01
LYMPHOCYTES	33.0	NORMAL	%	01
REACTIVE LYMPHOCYTES	DNR	NORMAL	0-10 %	01
MONOCYTES	8.3	NORMAL	%	01
EOSINOPHILS	1.9	NORMAL	%	01
BASOPHILS	0.5	NORMAL	%	01
BLASTS	DNR	NORMAL	%	01
NUCLEATED RBC	DNR	NORMAL	0 /100 WBC	01
COMMENT(S)	DNR	NORMAL		01

**Testosterone, Total, Males (Adult), Immunoassay**

TESTOSTERONE, TOTAL, MALES (ADULT), IA	487	NORMAL	250-827 ng/dL	01
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**Performing Laboratory Information:**

01: Quest Diagnostics-Wood Dale, 1355 Mittel Blvd, Wood Dale IL, 60191-1024, phone: , Director:  
MD Anthony V Thomas