

## Quest Diagnostics

## PATIENT INFORMATION

REPORT STATUS: FINAL

## SPECIMEN INFORMATION

SPECIMEN: ZD071409E  
 REQUISITION: 84511659  
 Lab ref no:

DOB: , 1970  
 AGE: 51  
 GENDER: Male  
 FASTING: Unknown

ORDERING PHYSICIAN  
 Ramos, C.  
 NPI: 1447451323  
 CLIENT INFORMATION  
 Private MD Labs  
 445 Hwy 46S  
 Suite 29-214  
 Dickson, TN 37055

COLLECTED: 08/11/2021 10:48AM PDT  
 RECEIVED: 08/11/2021 10:49AM PDT  
 REPORTED: 08/14/2021 12:55PM PDT

Clinical Info:

Test Name	Result	Flag	Reference Range	Lab
<b>COMPREHENSIVE METABOLIC PANEL W/EGFR</b>				
GLUCOSE	97	NORMAL	65-99 mg/dL	01
Fasting reference interval				
UREA NITROGEN (BUN)	17	NORMAL	7-25 mg/dL	01
CREATININE	0.75	NORMAL	0.70-1.33 mg/dL	01
For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.				
eGFR NON-AFR. AMERICAN	106	NORMAL	> OR = 60 mL/min/1.73m2	01
eGFR AFRICAN AMERICAN	123	NORMAL	> OR = 60 mL/min/1.73m2	01
BUN/CREATININE RATIO	NOT APPLICABLE	NORMAL	6-22 (calc)	01
SODIUM	140	NORMAL	135-146 mmol/L	01
POTASSIUM	4.0	NORMAL	3.5-5.3 mmol/L	01
CHLORIDE	109	NORMAL	98-110 mmol/L	01
CARBON DIOXIDE	24	NORMAL	20-32 mmol/L	01
CALCIUM	8.9	NORMAL	8.6-10.3 mg/dL	01
PROTEIN, TOTAL	6.7	NORMAL	6.1-8.1 g/dL	01
ALBUMIN	4.4	NORMAL	3.6-5.1 g/dL	01
GLOBULIN	2.3	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	59	NORMAL	35-144 U/L	01
AST	18	NORMAL	10-35 U/L	01
ALT	22	NORMAL	9-46 U/L	01
<b>TESTOSTERONE, TOTAL, LC/MS/MS</b>				
TESTOSTERONE, TOTAL, MS	652	NORMAL	250-1100 ng/dL	02

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.

**ESTRADIOL, REBASELINE**

ESTRADIOL	24	NORMAL	< OR = 39 pg/mL	01
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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</b>				
FSH	18.0	HIGH	1.6-8.0 mIU/mL	01
<b>LUTENIZING HORMONE</b>				
LH	8.5	NORMAL	1.5-9.3 mIU/mL	01
<b>CBC (INCLUDES DIFF/PLT)</b>				
WHITE BLOOD CELL COUNT	5.3	NORMAL	3.8-10.8 Thousand/uL	01
RED BLOOD CELL COUNT	4.93	NORMAL	4.20-5.80 Million/uL	01
HEMOGLOBIN	15.0	NORMAL	13.2-17.1 g/dL	01
HEMATOCRIT	44.2	NORMAL	38.5-50.0 %	01
MCV	89.7	NORMAL	80.0-100.0 fL	01
MCH	30.4	NORMAL	27.0-33.0 pg	01
MCHC	33.9	NORMAL	32.0-36.0 g/dL	01
RDW	13.0	NORMAL	11.0-15.0 %	01
PLATELET COUNT	236	NORMAL	140-400 Thousand/uL	01
MPV	10.3	NORMAL	7.5-12.5 fL	01
ABSOLUTE NEUTROPHILS	2687	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	1945	NORMAL	850-3900 cells/uL	01
ABSOLUTE MONOCYTES	498	NORMAL	200-950 cells/uL	01
ABSOLUTE EOSINOPHILS	138	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	0	NORMAL	0 cells/uL	01
NEUTROPHILS	50.7	NORMAL	%	01
BAND NEUTROPHILS	DNR	NORMAL	%	01
METAMYELOCYTES	DNR	NORMAL	%	01
MYELOCYTES	DNR	NORMAL	%	01
PROMYELOCYTES	DNR	NORMAL	%	01
LYMPHOCYTES	36.7	NORMAL	%	01
REACTIVE LYMPHOCYTES	DNR	NORMAL	0-10 %	01
MONOCYTES	9.4	NORMAL	%	01
EOSINOPHILS	2.6	NORMAL	%	01
BASOPHILS	0.6	NORMAL	%	01
BLASTS	DNR	NORMAL	%	01
NUCLEATED RBC	DNR	NORMAL	0 /100 WBC	01
COMMENT(S)	DNR	NORMAL		01

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**Performing Laboratory Information:**

01: Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West Hills CA, phone: , Director: Tab Toochinda

02: Quest Diagnostics-Nichols Institute, 28800 Tennen St, Menlo Park, CA, phone: , Director: Thomas