

DOB: 09/02/1972
Sex: M
Phone: (816) 885-4283
Patient ID: 09021972SC

Age: 44
Fasting:

Specimen: KS591076Q
Requisition: 0026062
Report Status: FINAL / SEE REPORT

Collected: 10/10/2016 08:17
Received: 10/10/2016 08:20
Reported: 10/15/2016 17:53

Client #: 388600
SAYA,JUSTIN M
MISC OUT OF BU - PSC
Phone: (913) 999-9999

CUSTOMER SOLUTIONS
10101 RENNER BLVD
LENEXA, KS 66219-9752

FASTING: YES

LIPID PANEL

CHOLESTEROL, TOTAL	149	Reference Range: 125-200 (mg/dL)
HDL CHOLESTEROL	36 L	Reference Range: > OR = 40 (mg/dL)
TRIGLYCERIDES	64	Reference Range: <150 (mg/dL)
LDL-CHOLESTEROL	100	Reference Range: <130 (mg/dL (calc))
Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.		
CHOL/HDL C RATIO	4.1	Reference Range: < OR = 5.0 ((calc))
NON HDL CHOLESTEROL	113	mg/dL (calc)
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.		

ESTRADIOL, ULTRASENSITIVE LC/MS/MS

ESTRADIOL, ULTRASENSITIVE LC/MS/MS	88 H	Reference Range: < OR = 29 (pg/mL)
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.		

CBC (INCLUDES DIFF/PLT)

WHITE BLOOD CELL COUNT	7.2	Reference Range: 3.8-10.8 (Thousand/uL)
RED BLOOD CELL COUNT	5.76	Reference Range: 4.20-5.80 (Million/uL)
HEMOGLOBIN	16.4	Reference Range: 13.2-17.1 (g/dL)
HEMATOCRIT	50.0	Reference Range: 38.5-50.0 (%)
MCV	86.7	Reference Range: 80.0-100.0 (fL)
MCH	28.5	Reference Range: 27.0-33.0 (pg)
MCHC	32.9	Reference Range: 32.0-36.0 (g/dL)
RDW	15.7 H	Reference Range: 11.0-15.0 (%)
PLATELET COUNT	200	Reference Range: 140-400 (Thousand/uL)
MPV	10.3	Reference Range: 7.5-11.5 (fL)
ABSOLUTE NEUTROPHILS	4486	Reference Range: 1500-7800 (cells/uL)
ABSOLUTE LYMPHOCYTES	1930	Reference Range: 850-3900 (cells/uL)
ABSOLUTE MONOCYTES	511	Reference Range: 200-950 (cells/uL)
ABSOLUTE EOSINOPHILS	238	Reference Range: 15-500 (cells/uL)
ABSOLUTE BASOPHILS	36	Reference Range: 0-200 (cells/uL)
NEUTROPHILS	62.3	%

LYMPHOCYTES	26.8	%
MONOCYTES	7.1	%
EOSINOPHILS	3.3	%
BASOPHILS	0.5	%

⚠ TESTOSTERONE,FR(DIALYSIS) AND TOTAL(LC/MS/MS)

TESTOSTERONE, TOTAL, LC/MS/MS	759	Reference Range: 250-1100 (ng/dL)
FREE TESTOSTERONE	248.7 H	Reference Range: 35.0-155.0 (pg/mL)

Your request to have a duplicate copy faxed has been acknowledged.
Queued to: 18134457340

COMPREHENSIVE METABOLIC PANEL

GLUCOSE	91	Reference Range: 65-99 (mg/dL)
Fasting reference interval		
UREA NITROGEN (BUN)	13	Reference Range: 7-25 (mg/dL)
CREATININE	1.21	Reference Range: 0.60-1.35 (mg/dL)
eGFR NON-AFR. AMERICAN	72	Reference Range: > OR = 60 (mL/min/1.73m2)
eGFR AFRICAN AMERICAN	84	Reference Range: > OR = 60 (mL/min/1.73m2)
BUN/CREATININE RATIO	NOT APPLICABLE	Reference Range: 6-22 ((calc))
SODIUM	140	Reference Range: 135-146 (mmol/L)
POTASSIUM	4.4	Reference Range: 3.5-5.3 (mmol/L)
CHLORIDE	104	Reference Range: 98-110 (mmol/L)
CARBON DIOXIDE	27	Reference Range: 20-31 (mmol/L)
CALCIUM	9.5	Reference Range: 8.6-10.3 (mg/dL)
PROTEIN, TOTAL	6.8	Reference Range: 6.1-8.1 (g/dL)
ALBUMIN	4.2	Reference Range: 3.6-5.1 (g/dL)
GLOBULIN	2.6	Reference Range: 1.9-3.7 (g/dL (calc))
ALBUMIN/GLOBULIN RATIO	1.6	Reference Range: 1.0-2.5 ((calc))
BILIRUBIN, TOTAL	0.6	Reference Range: 0.2-1.2 (mg/dL)
ALKALINE PHOSPHATASE	67	Reference Range: 40-115 (U/L)
AST	26	Reference Range: 10-40 (U/L)
ALT	32	Reference Range: 9-46 (U/L)

VITAMIN D, 1,25 DIHYDROXY LC/MS/MS

VITAMIN D, 1,25 (OH)2, TOTAL	71	Reference Range: 18-72 (pg/mL)
VITAMIN D3, 1,25 (OH)2	71	pg/mL
VITAMIN D2, 1,25 (OH)2	<8	pg/mL

Vitamin D2, 1,25 (OH)2: Reference ranges are established for total 1,25-dihydroxy vitamin D. Values for subcomponents D2 (derived from plant or fungal sources) and D3 (derived from human or animal sources) are provided for informational purposes only. This test(s) was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, Valencia, CA. Performance characteristics refer to the analytical performance of the test.

DIHYDROTESTOSTERONE, FREE, SERUM

DIHYDROTESTOSTERONE, LC/MS/MS	40	Reference Range: 16-79 (ng/dL)
DHT, FREE	4.84	pg/mL
Reference Range: ADULTS: 1.00-6.20 This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.		

TSH

TSH	1.71	Reference Range: 0.40-4.50 (mIU/L)
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DHEA SULFATE

DHEA SULFATE	174	Reference Range: 70-495 (mcg/dL)
DHEA-S values fall with advancing age. For reference, the reference intervals for 31-40 year old patients are: Male: 106-464 mcg/dL Female: 23-266 mcg/dL		

PROGESTERONE

PROGESTERONE	0.5	Reference Range: <1.4 (ng/mL)
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PSA, TOTAL

PSA, TOTAL	0.5	Reference Range: < OR = 4.0 (ng/mL)
This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.		

SEX HORMONE BINDING GLOBULIN

SEX HORMONE BINDING GLOBULIN	12	Reference Range: 10-50 (nmol/L)
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Performing Sites

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