

TSH	
COLLECTION DATE	04/23/2016
ORDER DATE	04/23/2016
RESULT DATE	04/24/2016
ORDERING PHYSICIAN	ABRAHAM, SAM
TSH	6.18 (0.40-4.50 mIU/L) H

Patient: [REDACTED] DOB: 07/03/1954

POTASSIUM	4.7 (3.5-5.3 mmol/L)
CHLORIDE	108 (98-110 mmol/L)
CARBON DIOXIDE	22 (19-30 mmol/L)
CALCIUM	8.6 (8.6-10.3 mg/dL)
PROTEIN, TOTAL	5.7 (6.1-8.1 g/dL) L
ALBUMIN	3.9 (3.6-5.1 g/dL)
GLOBULIN	1.8 (1.9-3.7 g/dL (calc)) L
ALBUMIN/GLOBULIN RATIO	2.2 (1.0-2.5 (calc))
BILIRUBIN, TOTAL	0.6 (0.2-1.2 mg/dL)
ALKALINE PHOSPHATASE	61 (40-115 U/L)
AST	14 (10-35 U/L)
ALT	13 (9-46 U/L)

CBC (INCLUDES DIFF/PLT)	
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WHITE BLOOD CELL COUNT	6.3 (3.8-10.8 Thousand/uL)
RED BLOOD CELL COUNT	4.74 (4.20-5.80 Million/uL)
HEMOGLOBIN	14.9 (13.2-17.1 g/dL)
HEMATOCRIT	45.6 (38.5-50.0 %)
MCV	96.3 (80.0-100.0 fL)
MCH	31.5 (27.0-33.0 pg)
MCHC	32.8 (32.0-36.0 g/dL)
RDW	15.5 (11.0-15.0 %) H
PLATELET COUNT	230 (140-400 Thousand/uL)
NEUTROPHILS	47.7 ( %)
ABSOLUTE NEUTROPHILS	3005 (1500-7800 cells/uL)
LYMPHOCYTES	33.7 ( %)
ABSOLUTE LYMPHOCYTES	2123 (850-3900 cells/uL)
MONOCYTES	6.9 ( %)
ABSOLUTE MONOCYTES	435 (200-950 cells/uL)
EOSINOPHILS	11.4 ( %)
ABSOLUTE EOSINOPHILS	718 (15-500 cells/uL) H
BASOPHILS	0.3 ( %)
ABSOLUTE BASOPHILS	19 (0-200 cells/uL)
MPV	8.4 (7.5-11.5 fL)

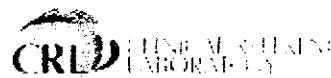
PSA, TOTAL	
COLLECTION DATE	04/23/2016
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RESULT DATE	04/24/2016
ORDERING PHYSICIAN	ABRAHAM, SAM
PSA, TOTAL	3.8 (< OR = 4.0 ng/mL)

Patient:  DOB: 07/03/1954

**Applicant Information**

Lab Slip ID 3043428122

**Laboratory Report**



Sid: 43428122

NAME: [REDACTED]

GENDER: MALE

CARRIER: PRUDENTIAL (LIFE)

COLLECTED: 2/09/2015

**CARDIAC RISK**

Determination	Your Result	Expected Range	Test Guide
HIGH DENSITY LIPOPROTEIN (HDL)	43.8	25.0-75.0 mg/dL	High density lipoproteins facilitate the transport of lipids (fats) to bodily tissues. HDL removes excess cholesterol from arteries, inhibiting the formation of atherosclerotic lesions. HDL can be increased by regular exercise, weight loss, smoking cessation, and reduction of fat intake.
LOW DENSITY LIPOPROTEIN (LDL)	89	80-200 mg/dL	Low density lipoprotein is known as the 'bad' cholesterol. High levels of LDL carry cholesterol through the blood, 'painting' it on arteries in combination of calcium and plaques.
VERY LOW DENSITY LIPO. (VLDL)	22	5-40 mg/dL	Circulating fatty acids are converted by the liver to form triglycerides that are packaged with apoprotein and cholesterol which are transported as very low density lipoproteins in the blood. These tests are specifically calculated to determine the risk of coronary heart disease.
TRIGLYCERIDES	113	10-200 mg/dL	A blood lipid (fat) derived primarily from carbohydrate intake. High levels may be associated with various disorders, including diabetes, alcohol abuse, and pancreatitis. Readings are extremely sensitive to diet.
CHOLESTEROL/HDL RATIO	3.56	1.50-5.00	Cholesterol reading divided by the HDL reading. The lower the ratio, the lower the risk of coronary heart disease.

**SERUM ANTIGENS PANEL**

Determination	Your Result	Expected Range	Test Guide
CARCINOEMBRYONIC ANTIGEN	1.0	0.0-3.0 ng/mL	CEA is a protein that is normally not able to be detected in the blood of a healthy person. When the protein appears in the blood of an adult, it can indicate cancer, but it will not indicate which kind of cancer is present. It can also indicate benign conditions.
PROSTATE SPECIFIC ANTIGEN	5.33 HIGH	0.00-4.00 ng/mL	The measurement of a glycoprotein protease found only in prostate tissue. Elevations can occur with benign prostate hypertrophy, inflammation, prostatitis, or prostate cancer.

**URINALYSIS**

Determination	Your Result	Expected Range	Test Guide
URINE TEMPERATURE	96.0	90.5-99.8 F	
URN SPECIFIC GRAVITY	1.026	1.002-1.035	Low specific gravity is characteristic of diabetes or tubular necrosis, while high values may occur with dehydration, congestive heart failure, kidney failure, liver failure or shock.