

Specimen ID: 046-363-4127-0
Control ID: 51066417486

Acct #: 42210730

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Rte: 16

ACHANTA, VAMSEE S.

11511 PIPING ROCK DR
 HOUSTON TX 77077
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Dr. Thien Nguyen
 2405 S. Gessner, Suite B
 Houston TX 77063



Patient Details

DOB: 07/28/1980
Age(y/m/d): 038/06/18
Gender: M **SSN:**
Patient ID:

Specimen Details

Date collected: 02/15/2019 1112 Local
Date received: 02/15/2019
Date entered: 02/15/2019
Date reported: 02/18/2019 1514 ET

Physician Details

Ordering: T NGUYEN
Referring:
ID:
NPI: 1841228970

General Comments & Additional Information

Total Volume: Not Provided

Fasting: Yes

Ordered Items

TSH+Free T4; CBC With Differential/Platelet; Comp. Metabolic Panel (14); Lipid Panel; Testosterone, Free and Total; Hemoglobin A1c; Vitamin D, 25-Hydroxy; Triiodothyronine (T3), Free; Venipuncture

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
TSH+Free T4					
TSH	0.154	Low	uIU/mL	0.450 - 4.500	01
T4, Free (Direct)	1.91	High	ng/dL	0.82 - 1.77	01
CBC With Differential/Platelet					
WBC	5.4		x10E3/uL	3.4 - 10.8	01
RBC	5.11		x10E6/uL	4.14 - 5.80	01
Hemoglobin	15.7		g/dL	13.0 - 17.7	01
Hematocrit	45.2		%	37.5 - 51.0	01
MCV	89		fL	79 - 97	01
MCH	30.7		pg	26.6 - 33.0	01
MCHC	34.7		g/dL	31.5 - 35.7	01
RDW	13.8		%	12.3 - 15.4	01
Platelets	230		x10E3/uL	150 - 379	01
Neutrophils	45		%	Not Estab.	01
Lymphs	47		%	Not Estab.	01
Monocytes	6		%	Not Estab.	01
Eos	2		%	Not Estab.	01
Basos	0		%	Not Estab.	01
Neutrophils (Absolute)	2.5		x10E3/uL	1.4 - 7.0	01
Lymphs (Absolute)	2.6		x10E3/uL	0.7 - 3.1	01
Monocytes (Absolute)	0.3		x10E3/uL	0.1 - 0.9	01
Eos (Absolute)	0.1		x10E3/uL	0.0 - 0.4	01
Baso (Absolute)	0.0		x10E3/uL	0.0 - 0.2	01
Immature Granulocytes	0		%	Not Estab.	01
Immature Grans (Abs)	0.0		x10E3/uL	0.0 - 0.1	01
Comp. Metabolic Panel (14)					
Glucose	82		mg/dL	65 - 99	01
BUN	10		mg/dL	6 - 20	01

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Creatinine	0.74	Low	mg/dL	0.76 - 1.27	01
eGFR If NonAfricn Am	117		mL/min/1.73	>59	
eGFR If Africn Am	135		mL/min/1.73	>59	
BUN/Creatinine Ratio	14			9 - 20	
Sodium	140		mmol/L	134 - 144	01
Potassium	4.5		mmol/L	3.5 - 5.2	01
Chloride	97		mmol/L	96 - 106	01
Carbon Dioxide, Total	26		mmol/L	20 - 29	01
Calcium	9.8		mg/dL	8.7 - 10.2	01
Protein, Total	7.3		g/dL	6.0 - 8.5	01
Albumin	4.7		g/dL	3.5 - 5.5	01
Globulin, Total	2.6		g/dL	1.5 - 4.5	
A/G Ratio	1.8			1.2 - 2.2	
Bilirubin, Total	0.6		mg/dL	0.0 - 1.2	01
Alkaline Phosphatase	69		IU/L	39 - 117	01
AST (SGOT)	30		IU/L	0 - 40	01
ALT (SGPT)	55	High	IU/L	0 - 44	01

Lipid Panel

Cholesterol, Total	187		mg/dL	100 - 199	01
Triglycerides	232	High	mg/dL	0 - 149	01
HDL Cholesterol	43		mg/dL	>39	01
VLDL Cholesterol Cal	46	High	mg/dL	5 - 40	
LDL Cholesterol Calc	98		mg/dL	0 - 99	

Testosterone, Free and Total

Testosterone, Serum	494		ng/dL	264 - 916	01
Adult male reference interval is based on a population of healthy nonobese males (BMI <30) between 19 and 39 years old. Travison, et.al. JCEM 2017,102;1161-1173. PMID: 28324103.					
Free Testosterone (Direct)	8.8		pg/mL	8.7 - 25.1	02

Hemoglobin A1c

Hemoglobin A1c	5.2		%	4.8 - 5.6	01
Please Note:					
Prediabetes: 5.7 - 6.4					
Diabetes: >6.4					
Glycemic control for adults with diabetes: <7.0					

Vitamin D, 25-Hydroxy	29.4	Low	ng/mL	30.0 - 100.0	01
Vitamin D deficiency has been defined by the Institute of Medicine and an Endocrine Society practice guideline as a level of serum 25-OH vitamin D less than 20 ng/mL (1,2). The Endocrine Society went on to further define vitamin D insufficiency as a level between 21 and 29 ng/mL (2).					
1. IOM (Institute of Medicine). 2010. Dietary reference					

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intakes for calcium and D. Washington DC: The National Academies Press. 2. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society clinical practice guideline. JCEM. 2011 Jul; 96(7):1911-30.						
Triiodothyronine (T3), Free	3.5		pg/mL	2.0 - 4.4		01

01	HD	LabCorp Houston 7207 North Gessner, Houston, TX 77040-3143	Dir: Kyle Eskue, MD
02	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: Sanjai Nagendra, MD

For inquiries, the physician may contact **Branch: 713-856-8288 Lab: 713-856-8288**