



Date of Service: 10/11/2016
Specimen: DL820409B

Patient Name: ACHANTA, VAMSEE
DOB: 07/28/1980 AGE: 36Y Gender: M
Health ID: 8573016416113492

HOANG, THANH K
HORIZON HEALTHCARE CLIN
11210 BELLAIRE BLVD
STE 126A
HOUSTON, TX 77072-2528
Phone: 2815642900

COMMENTS: FASTING
FASTING FASTING FASTING FASTING FASTING

Test Name	Results	Reference Range	Lab
LIPID PANEL			
CHOLESTEROL, TOTAL	214 H	125-200 mg/dL	RGA
HDL CHOLESTEROL	40	> OR = 40 mg/dL	RGA
TRIGLYCERIDES	320 H	<150 mg/dL	RGA
LDL-CHOLESTEROL	110	<130 mg/dL (calc)	RGA
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	5.4 H	< OR = 5.0 (calc)	RGA
NON HDL CHOLESTEROL	174 H	159 mg/dL (calc)	RGA
Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.			
COMPREHENSIVE METABOLIC PANEL			RGA
GLUCOSE	75	65-99 mg/dL	
Fasting reference interval			
UREA NITROGEN (BUN)	12	7-25 mg/dL	
CREATININE	0.82	0.60-1.35 mg/dL	
eGFR NON-AFR. AMERICAN	114	> OR = 60 mL/min/1.73m ²	
eGFR AFRICAN AMERICAN	132	> OR = 60 mL/min/1.73m ²	
BUN/CREATININE RATIO	NOT APPLICABLE	6-22 (calc)	
SODIUM	139	135-146 mmol/L	
POTASSIUM	4.9	3.5-5.3 mmol/L	
CHLORIDE	103	98-110 mmol/L	
CARBON DIOXIDE	28	20-31 mmol/L	
CALCIUM	9.8	8.6-10.3 mg/dL	
PROTEIN, TOTAL	7.6	6.1-8.1 g/dL	
ALBUMIN	4.7	3.6-5.1 g/dL	
GLOBULIN	2.9	1.9-3.7 g/dL (calc)	
ALBUMIN/GLOBULIN RATIO	1.6	1.0-2.5 (calc)	
BILIRUBIN, TOTAL	0.7	0.2-1.2 mg/dL	
ALKALINE PHOSPHATASE	61	40-115 U/L	
AST	26	10-40 U/L	
ALT	33	9-46 U/L	



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URINALYSIS, COMPLETE			RG
COLOR	YELLOW	YELLOW	
APPEARANCE	CLEAR	CLEAR	
SPECIFIC GRAVITY	1.015	1.001-1.035	
PH	6.5	5.0-8.0	
GLUCOSE	NEGATIVE	NEGATIVE	
BILIRUBIN	NEGATIVE	NEGATIVE	
KETONES	NEGATIVE	NEGATIVE	
OCCULT BLOOD	NEGATIVE	NEGATIVE	
PROTEIN	NEGATIVE	NEGATIVE	
NITRITE	NEGATIVE	NEGATIVE	
LEUKOCYTE ESTERASE	NEGATIVE	NEGATIVE	
WBC	NONE SEEN	< OR = 5 /HPF	
RBC	NONE SEEN	< OR = 2 /HPF	
SQUAMOUS EPITHELIAL CELLS	NONE SEEN	< OR = 5 /HPF	
BACTERIA	NONE SEEN	NONE SEEN /HPF	
HYALINE CAST	NONE SEEN	NONE SEEN /LPF	
CBC (INCLUDES DIFF/PLT)			RG
WHITE BLOOD CELL COUNT	5.3	3.8-10.8 Thousand/uL	
RED BLOOD CELL COUNT	4.92	4.20-5.80 Million/uL	
HEMOGLOBIN	14.9	13.2-17.1 g/dL	
HEMATOCRIT	44.1	38.5-50.0 %	
MCV	89.5	80.0-100.0 fL	
MCH	30.3	27.0-33.0 pg	
MCHC	33.8	32.0-36.0 g/dL	
RDW	14.1	11.0-15.0 %	
PLATELET COUNT	172	140-400 Thousand/uL	
MPV	11.1	7.5-11.5 fL	
ABSOLUTE NEUTROPHILS	2449	1500-7800 cells/uL	
ABSOLUTE LYMPHOCYTES	2401	850-3900 cells/uL	
ABSOLUTE MONOCYTES	302	200-950 cells/uL	
ABSOLUTE EOSINOPHILS	127	15-500 cells/uL	
ABSOLUTE BASOPHILS	21	0-200 cells/uL	
NEUTROPHILS	46.2	%	
LYMPHOCYTES	45.3	%	
MONOCYTES	5.7	%	



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EOSINOPHILS	2.4	%	
BASOPHILS	0.4	%	
HEMOGLOBIN A1c	5.3	<5.7 % of total Hgb	RGA
<p>According to ADA guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes-2013. Diabetes Care. 2013;36:s11-s66</p> <p>For the purpose of screening for the presence of diabetes</p> <p><5.7% Consistent with the absence of diabetes</p> <p>5.7-6.4% Consistent with increased risk for diabetes (prediabetes)</p> <p>>or=6.5% Consistent with diabetes</p> <p>This assay result is consistent with a decreased risk of diabetes.</p> <p>Currently, no consensus exists for use of hemoglobin A1c for diagnosis of diabetes for children.</p>			
T4, FREE	0.8	0.8-1.8 ng/dL	RGA
TSH W/REFLEX TO FT4	18.07 H	0.40-4.50 mIU/L	RGA

PERFORMING SITE:

RGA Quest Diagnostics, 5850 Rogerdale Road, Houston, TX 77072-1602 Laboratory Director: Julia Kenny, MD, CLIA: 45D0660150

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