

Accession ID: KU862405		Lab Ref ID: LE6355664715	
Order Date: 02/01/2018	Received: 02/02/2018 08:56:07	Specimen Received: 02/02/2018 03:11:00	
Collection Date: 02/01/2018 19:06:00	Report: 02/02/2018 08:36:00		
Requesting Physician:Galliguez, Mark		Ordering Physician: Galliguez, Mark	

Routine Panel (Cannot be Run STAT)

NAME	VALUE	REFERENCE RANGE	LAB
F GLUCOSE	78	65-139 (mg/dL)	TBR
- The glucose reference range is based on a non-fasting state.			
F SODIUM	138	135-146 (mmol/L)	TBR
F POTASSIUM	4.0	3.5-5.3 (mmol/L)	TBR
F CHLORIDE	101	98-110 (mmol/L)	TBR
F CARBON DIOXIDE	28	20-31 (mmol/L)	TBR
F UREA NITROGEN	10	7-25 (mg/dL)	TBR
F CREATININE	0.81	0.60-1.35 (mg/dL)	TBR
F BUN/CREATININE RATIO	NOTE	6-22 ((calc))	TBR
- Bun/Creatinine ratio is not reported when the Bun and			
- Creatinine values are within normal limits.			
F CALCIUM	9.7	8.6-10.3 (mg/dL)	TBR
F PROTEIN, TOTAL	7.4	6.1-8.1 (g/dL)	TBR
F ALBUMIN	4.8	3.6-5.1 (g/dL)	TBR
F GLOBULIN	2.6	1.9-3.7 (g/dL (calc))	TBR
F ALBUMIN/GLOBULIN RATIO	1.8	1.0-2.5 ((calc))	TBR
F BILIRUBIN,TOTAL	1.5 H	0.2-1.2 (mg/dL)	TBR
F ALKALINE PHOSPHATASE	60	40-115 (U/L)	TBR
F AST	11	10-40 (U/L)	TBR
F ALT	36	9-46 (U/L)	TBR
F EGFR NON AFR AMERICAN	121	>=60 (mL/min/1.73m2)	TBR
F EGFR AFRICAN AMERICAN	140	>=60 (mL/min/1.73m2)	TBR
F CHOLESTEROL,TOTAL	163	<200 (mg/dL)	TBR
F HDL CHOLESTEROL	49	>40 (mg/dL)	TBR
F CHOLESTEROL/HDL RATIO	3.3	<5.0 (calc)	TBR

Result:	Accession ID:	K
		U
		8
		6
		2
		4
		0
		5

Notes:

NAME	VALUE	REFERENCE RANGE	LAB
F LDL CHOL, CALCULATED	89	<100 (mg/dL)	TBR
- LDL-C is now calculated using the Martin-Hopkins			
- calculation, which is a validated novel method providing			
- better accuracy than the Friedewald equation in the			
- estimation of LDL-C.			
- Martin SS et al. JAMA. 2013;310(19): 2061-2068			
- ( <a href="http://education.QuestDiagnostics.com/faq/FAQ164">http://education.QuestDiagnostics.com/faq/FAQ164</a> )			
- Desirable range <100 mg/dL for patients with CHD or			
- diabetes and <70 mg/dL for diabetic patients with			
- known heart disease.			
F TRIGLYCERIDES	148	<150 (mg/dL)	TBR
F NON HDL CHOLESTEROL	114	<130 (mg/dL (calc))	TBR
- For patients with diabetes plus 1 major ASCVD risk			
- factor, treating to a non-HDL-C goal of <100 mg/dL			
- (LDL-C of <70 mg/dL) is considered a therapeutic			
- option.			
F TSH	3.73	0.40-4.50 (mIU/L)	TBR
F WBC	6.7	3.8-10.8 (Thous/mcL)	TBR
F RBC	5.52	4.20-5.80 (Mill/mcL)	TBR
F HEMOGLOBIN	16.9	13.2-17.1 (g/dL)	TBR
F HEMATOCRIT	51.3 H	38.5-50.0 (%)	TBR
F MCV	92.9	80.0-100.0 (fL)	TBR
F MCH	30.5	27.0-33.0 (pg)	TBR
F MCHC	32.9	32.0-36.0 (g/dL)	TBR
F RDW	13.4	11.0-15.0 (%)	TBR
Result:			Accession ID: K
			U
			8
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			2
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			0
			5
Notes:			

NAME	VALUE	REFERENCE RANGE	LAB
F PLATELET COUNT	230	140-400 (Thous/mcL)	TBR
F MPV	10.1	7.5-12.5 (fL)	TBR
F TOTAL NEUTROPHILS,%	59.8	38-80 (%)	TBR
F TOTAL LYMPHOCYTES,%	30.5	15-49 (%)	TBR
F MONOCYTES,%	7.6	0-13 (%)	TBR
F EOSINOPHILS,%	1.3	0-8 (%)	TBR
F BASOPHILS,%	0.8	0-2 (%)	TBR
F NEUTROPHILS,ABSOLUTE	4007	1500-7800 (Cells/mcL)	TBR
F LYMPHOCYTES,ABSOLUTE	2044	850-3900 (Cells/mcL)	TBR
F MONOCYTES,ABSOLUTE	509	200-950 (Cells/mcL)	TBR
F EOSINOPHILS,ABSOLUTE	87	15-500 (Cells/mcL)	TBR
F BASOPHILS,ABSOLUTE	54	0-200 (Cells/mcL)	TBR
F DIFFERENTIAL			TBR
- An instrument differential was performed.			
F HEMOGLOBIN A1C	4.9	<5.7 (% of total Hgb)	TBR
- For the purpose of screening for the presence of diabetes:			
- <5.7% Consistent with the absence of diabetes			
- 5.7-6.4% Consistent with increased risk for diabetes			
- (prediabetes)			
- >or=6.5% Consistent with diabetes			
- This assay result is consistent with decreased risk of			
- diabetes.			
- Currently, no consensus exists for use of hemoglobin A1c			
- for diagnosis of diabetes in children.			
- According to American Diabetes Association (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(ADA).			
PERFORMING LAB: TBR, Quest Diagnostics			
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