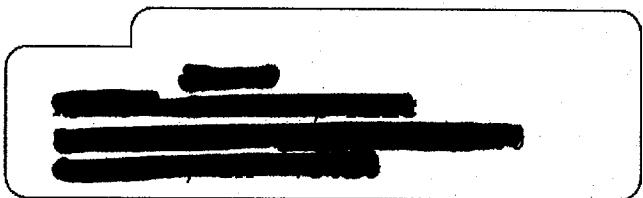




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CAP Accreditation #: 21525-01
 CLIA # 45D0505003

PATIENT NAME		PATIENT I.D.	ROOM NUMBER	AGE	SEX	PHYSICIAN
MURDOCK, ADAM						

PAGE	REQUISITION NO.	ACCESSION NO.	ID. NO.	COLLECTION DATE & TIME	LOG-IN-DATE	REPORT DATE	& TIME
1	B8096466	QQ604156		10/07/22 9:27A	10/08/22	10/11/22	1:35A

TEST	RESULTS		UNITS	EXPECTED RANGE
	OUT-OF-RANGE	WITHIN RANGE		
COMPREHENSIVE METABOLIC PANEL				
GLUCOSE		71	MG/DL	70-99
BUN		13	MG/DL	6-20
CREATININE		1.07	MG/DL	0.80-1.40
eGFR (2021 CKD-EPI)		87	ML/MIN/1.73	>60
CALC BUN/CREAT		12	RATIO	6-28
SODIUM		141	MEQ/L	133-146
POTASSIUM		5.2	MEQ/L	3.5-5.4
CHLORIDE		98	MEQ/L	95-107
CARBON DIOXIDE		22	MEQ/L	19-31
CALCIUM		9.9	MG/DL	8.5-10.5
PROTEIN, TOTAL		7.2	G/DL	6.1-8.3
ALBUMIN		5.1	G/DL	3.5-5.2
CALC GLOBULIN		2.1	G/DL	1.9-3.7
CALC A/G RATIO		2.4	RATIO	1.0-2.6
BILIRUBIN, TOTAL		0.7	MG/DL	<=1.2
ALKALINE PHOSPHATASE		80	U/L	40-118
AST		31	U/L	9-50
ALT		23	U/L	5-50
<hr/>				
LIPID PANEL				
CHOLESTEROL		272	MG/DL	<200
TRIGLYCERIDES		55	MG/DL	<150
HDL CHOLESTEROL		59	MG/DL	>39
CALC LDL CHOL		198	MG/DL	<100
<p>NOTE: CALCULATED LDL IS BASED ON MARTIN-HOPKINS METHOD WHICH INCLUDES ADJUSTABLE TRIGLYCERIDE:VLDL CHOLESTEROL RATIO. THIS FACTOR VARIES BY MEASURED TRIGLYCERIDE AND NON-HDL CHOLESTEROL CONCENTRATIONS WITH INCREASED CALCULATED LDL SEEN IN HIGHER TRIGLYCERIDE OR LOWER NON-HDL SPECIMENS. FOR MORE INFORMATION, SEE CLIENT ANNOUNCEMENT AT http://www.cpllabs.com/CalcLDL-C</p>				
RISK RATIO LDL/HDL		3.36	RATIO	<3.55
<hr/>				
CBC W/AUTO DIFF WITH PLATELETS				
WBC		4.3	K/UL	3.5-11.0
RBC		4.55	M/UL	4.50-6.10
HEMOGLOBIN		13.9	G/DL	13.5-17.0

REPORT CONTINUED ON NEXT FORM

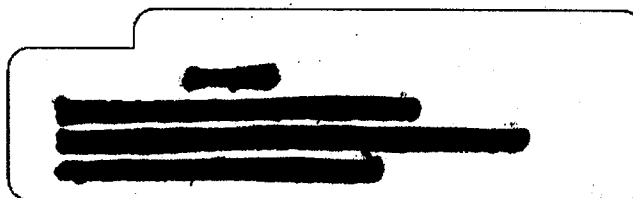
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MURDOCK, ADAM						

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2	B8096466	QQ604156		10/07/22 9:27A	10/08/22	10/11/22	1:35A

TEST	RESULTS		UNITS	EXPECTED RANGE
	OUT-OF-RANGE	WITHIN RANGE		
HEMATOCRIT	41.5		%	40.0-51.0
MCV	91.2		fL	80.0-99.0
MCH	30.5		PG	25.0-33.0
MCHC	33.5		G/DL	31.0-36.0
RDW	13.6		%	11.5-15.0
NEUTROPHILS	39.8		%	
LYMPHOCYTES	49.5		%	
MONOCYTES	6.3		%	
EOSINOPHILS	2.6		%	
BASOPHILS	1.6		%	
IMMATURE GRANULOCYTES	0.2		%	
NUCLEATED RBCS	0.0		/100 WBC'S	0.0
PLATELET COUNT	244		K/UL	130-400
ABSOLUTE NEUTROPHILS	1.70		K/UL	1.50-7.50
ABSOLUTE LYMPHOCYTES	2.12		K/UL	1.00-4.00
ABSOLUTE MONOCYTES	0.27		K/UL	0.20-1.00
ABSOLUTE EOSINOPHILS	0.11		K/UL	0.00-0.50
ABSOLUTE BASOPHILS	0.07		K/UL	0.00-0.20
ABS IMMATURE GRANULOCYTES	0.01		K/UL	0.00-0.10
ABS NUCLEATED RBCS	0.00		K/UL	0.00-0.11

FERRITIN	197		NG/ML	30-400

IRON BINDING CAPACITY AND IRON AND % SATURATION				
IRON, SERUM	73		UG/DL	59-158
UNSATURATED IBC	238		UG/DL	112-347
CALC TOTAL IBC	311		UG/DL	250-450
CALC % IRON SAT	23		%	20-50

PSA, TOTAL	0.76		NG/ML	<=4.00

NOTE: Methodology is Roche Cobas Electrochemiluminescence Immunoassay traceable to WHO reference standard 96/760.				

HEMOGLOBIN A1c	5.3		%	4.2-5.6

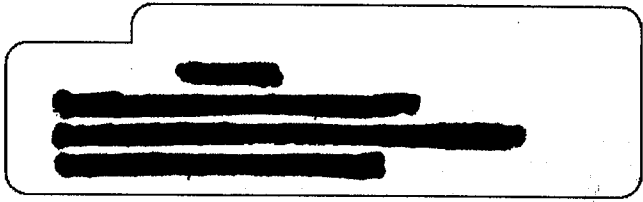
INSULIN	<1		UIU/ML	2-21

Note: Reference interval represents standard fasting reference range. REPORT CONTINUED ON NEXT FORM				



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MURDOCK, ADAM							
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3	B8096466	QQ604156		10/07/22 9:27A	10/08/22	10/11/22	1:35A

TEST	RESULTS	UNITS	EXPECTED RANGE
	OUT-OF-RANGE WITHIN RANGE		
TSH REFLEX TO FREE T4	2.800	UIU/ML	0.400-4.100
VITAMIN B-12	756	PG/ML	200-950
BLOOD GROUP (ABO) AND RH TYPE	A POSITIVE		
BLOOD TYPE AND RH			
A HISTORICAL RECORD CHECK FOR PREVIOUS RESULTS IS NOT PERFORMED. THESE RESULTS SHOULD BE CORRELATED WITH RESULTS OF PRIOR BLOOD TYPING AND ANTIBODY SCREEN STUDIES.			
TESTOSTERONE, FREE/TOTAL WITH SHBG			
TESTOSTERONE	215	NG/DL	300-890
SEX HORM BIND GLOBULIN	65.9	NMOL/L	16.5-55.9
CALC FREE TESTOSTERONE	25.6	PG/ML	47.0-244.0
VITAMIN D, 25 OH	47	NG/ML	SEE BELOW
NOTE: 25-HYDROXYVITAMIN D ASSAY INCLUDES 25-HYDROXYVITAMIN D2 AND D3. METHODOLOGY IS CHEMILUMINESCENT IMMUNOASSAY.			
***** INTERPRETIVE RANGES *****			
PEDIATRIC (<17 YEARS)	NG/ML		20-100
ADULT:			
INSUFFICIENT	NG/ML		<20
SUBOPTIMAL	NG/ML		20-29
OPTIMAL	NG/ML		30-100
HIGH SENSITIVITY CRP	1.2	MG/L	SEE BELOW
hsCRP LEVEL	RELATIVE RISK		
<1.0 MG/L	LOW		
1.0-3.0 MG/L	AVERAGE		
>3.0 MG/L	HIGH		
(from Pearson, T.A. et al. Circulation 2003; 107:499)			
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