



Patient: Test, test
Chart #: B222220040
Provider: Test
Phone: 00000000

Birth: 03/10/1938
Age: 84 years
Gender: Female

Accession #: B222220040
Fasting: No
Collection Date: 08/08/2022 12:18
Received in Lab: 08/10/2022 12:18
First Reported: 08/10/2022

CLINICAL REPORT:

Comments:

All Tests

Test	Result	PR1	PR2	PR3	Units	Abnormal	Reference
Smear/Slide Review	1+ macrocytic	n/a					

CBC w/ differential

Test	Result	PR1	PR2	PR3	Units	Abnormal	Reference
WBC	5.331	6.729			10e3/uL		4.00-10.50
RBC	4.051	4.253			10e6/uL		3.87-5.11
Hemoglobin	13.12	13.32			g/dL		12.60-17.70
Hematocrit	45.26	43.46			%		34.00-46.00
MCV	111.7	102.2			fL	High	78.00-100.00
MCH	32.38	31.32			pg		26.00-34.00
MCHC	28.98	30.65			g/dL	Low	30.00-37.00
Platelets	290.0	298.3			10e3/uL		150.00-400.00
Neutrophils (absolute)	2.625	3.687					1.70-7.70
Lymphocytes (absolute)	2.047	1.828					0.70-4.00
Monocytes (absolute)	.4115	.8902					0.20-1.20
Eosinophils (absolute)	.0792	.2716					0.00-0.50
Basophils (absolute)	.1680	.0522					0.00-0.20
% Neutrophils	49.25	54.79			%		
% Lymphocytes	38.40	27.16			%		
% Monocytes	7.720	13.23			%		
% Eosinophils	1.485	4.036			%		
% Basophils	3.151	.7761			%		
RDW	12.56	10.96			%		<16.50
MPV	6.557	6.400			fL		

Complete Wellness Panel

Test	Result	PR1	PR2	PR3	Units	Abnormal	Reference
Estimated Average Glucose (eAG)	93.93	105.41					
Hemoglobin A1c	4.9	5.3			%		4.80-5.70
TSH	1.05	1.14			mIU/L		0.50-5.00
Total T4	6.98	8.09			ug/dL		4.50-11.70
Free T4	0.94	0.94			ng/dL		0.70-1.80
T-Uptake	1.09	1.21			Units		0.80-13.00
Vitamin D (25-OH), Total	18.3	23.9			ng/mL	Low	>30.00
Vitamin B12	546	498			pg/mL		211.00-946.00
Uric Acid	4.5	4.8			mg/dL		3.40-7.00
Direct Bilirubin	0.3	0.2			mg/dL		0.00-0.30
hs-CRP	0.58	0.69			mg/L		<3.00

<1: Lower relative cardiovascular risk. ; 1.0-3.0: Average relative cardiovascular risk. ; 3.1-10.0: Higher relative cardiovascular risk. Consider retesting in 1 to 2 weeks to exclude a benign transient elevation in the baseline CRP value secondary to infection or inflammation. ; >10.0: Persistent elevation, upon retesting, may be associated with infection and inflammation.

Total Iron	152				ug/dL		45.00-160.00
TIBC	345.0000				ug/dL (calc)		250.00-450.00
Phosphate	3.9	4.1			ug/dL		2.10-4.50



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Magnesium	2.02	2.06			mg/dL		1.50-2.50

Comprehensive Metabolic Panel (CMP)

Test	Result	PR1	PR2	PR3	Units	Abnormal	Reference
Glucose	131	144	108		mg/dL	High	60.00-99.00
Blood Urea Nitrogen (BUN)	13	15	15		mg/dL		7.00-25.00
Creatinine	0.69	0.76	0.72		mg/dL		0.60-0.88
BUN/Creatinine Ratio	18.8	19.7	20.8		mg/dL		6.00-22.00
Sodium	142	139	141		mmol/L		136.00-145.00
Potassium	4.5	4.7	4.3		mmol/L		3.50-5.10
Chloride	106	102	105		mmol/L		98.00-110.00
Carbon Dioxide, Total	26	25	25		mmol/L		21.00-33.00
Anion Gap	10.0	12.0	11.0		mmol/L		3.00-11.00
Calcium	8.9	8.7	8.8		mg/dL		8.50-10.50
Protein, Total	6.6	6.8	6.8		g/dL		6.40-8.30
Albumin	3.8	3.7	4.0		g/dL		3.60-5.10
Globulin, Total	2.7	3.1	2.8		g/dL		1.90-3.70
A/G Ratio	1.41	1.19	1.43		g/L		1.00-2.50
Total Bilirubin	0.6	0.6	0.6		mg/dL		0.00-1.50
Alkaline Phosphatase	58	66	59		U/L		35.00-104.00
Alanine Aminotransferase (ALT)	15	16	13		U/L		6.00-29.00
Aspartate Aminotransferase (AST)	16	21	19		U/L		10.00-35.00
eGFR	85.49	93.41	133.97				>60.00

Lipid Panel

Test	Result	PR1	PR2	PR3	Units	Abnormal	Reference
Total Cholesterol	177	195			mg/dL		<200.00
Ultra HDL	63	65			mg/dL		>55.00
Direct LDL	100	123			mg/dL	High	<100.00
VLDL (Calculated)	25.8	24.0			mg/dL		<30.00
Triglycerides	129	120			mg/dL		<150.00
Chol/HDL Ratio	2.81	3.00			%		<4.00
Non-HDL (Calculated)	114.0	130.0			mg/dL		<130.00

Critical Notice:

END OF REPORT