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**Laboratory Work Up 11/2/24**

Lab Test	Normal Range	Results
<b>Complete Blood Count (CBC)</b>		
White Blood Cell Count (WBC)	4.0 - 11.0 x 10 <sup>9</sup> /L	2.5 x 10 <sup>9</sup> /L
Hemoglobin (Hgb)	12.0 - 16.0 g/dL	9.5 g/dL
Hematocrit (Hct)	36% - 48%	28%
Platelet Count	150 - 450 x 10 <sup>9</sup> /L	75 x 10 <sup>9</sup> /L
<b>Comprehensive Metabolic Panel</b>		
Sodium	135 - 145 mmol/L	138 mmol/L
Potassium	3.5 - 5.0 mmol/L	4.2 mmol/L
Chloride	95 - 105 mmol/L	102 mmol/L
Bicarbonate	22 - 28 mmol/L	24 mmol/L
Blood Urea Nitrogen (BUN)	7 - 20 mg/dL	18 mg/dL
Creatinine	0.5 - 1.0 mg/dL	0.7 mg/dL
Glucose	70 - 100 mg/dL	95 mg/dL

Calcium	8.5 - 10.5 mg/dL	9.0 mg/dL
Albumin	3.5 - 5.0 g/dL	3.0 g/dL
Total Protein	6.0 - 8.0 g/dL	6.5 g/dL
AST	10 - 40 U/L	55 U/L
ALT	7 - 56 U/L	60 U/L
ALP	44 - 147 U/L	150 U/L
<b>Lactate Dehydrogenase (LDH)</b>	140 - 280 U/L	450 U/L
<b>Beta-HCG</b>	<5 mIU/mL	3 mIU/mL
<b>Alkaline Phosphatase</b>	44 - 147 U/L	150 U/L
<b>Serum Ferritin</b>	30 - 400 ng/mL	800 ng/mL
<b>Coagulation Profile</b>		
PT (Prothrombin Time)	11.0 - 13.5 seconds	12.5 seconds
aPTT (Activated Partial Thromboplastin Time)	30.0 - 40.0 seconds	35.0 seconds
INR (International Normalized Ratio)	0.8 - 1.2	1.0