

CLINICAL LABORATORY SERVICES

3500 Gaston Avenue | Dallas, TX 75246 | (214) 555-4500

CLIA ID: 45D0987654 | CAP ID: 7654321-01

PATIENT

RODRIGUEZ, MARIA

DOB: 1988-05-22 Sex: F

MRN: MARIA_R

SPECIMEN

Accession: 26025-200019

Collected: 2024-10-15 07:45

Received: 2024-10-15 08:15

ORDERING PHYSICIAN

Dr. James Wilson

Dallas Digestive Disease Assoc

Report Status: FINAL

COMPLETE BLOOD COUNT (CBC)

Test Name	Result	Flag	Units	Reference Interval
WBC	11.2	H	x10 ⁹ /L	4.5-11.0
RBC	3.8	L	x10 ¹² /L	4.0-5.5
Hemoglobin	10.2	L	g/dL	12.0-16.0
Hematocrit	31.5	L	%	36-46
MCV	76	L	fL	80-100
MCH	26.8	L	pg	27-33
Platelets	425	H	x10 ⁹ /L	150-400

COMPREHENSIVE METABOLIC PANEL (CMP)

Test Name	Result	Flag	Units	Reference Interval
Sodium	138		mEq/L	136-145
Potassium	3.6		mEq/L	3.5-5.0
Chloride	102		mEq/L	98-106
CO2	24		mEq/L	23-29
BUN	18		mg/dL	7-20
Creatinine	0.8		mg/dL	0.6-1.2
Glucose	92		mg/dL	70-100
Calcium	8.8		mg/dL	8.5-10.5
Total Protein	6.2		g/dL	6.0-8.3
Albumin	3.1	L	g/dL	3.5-5.0
Total Bilirubin	0.6		mg/dL	0.1-1.2
Alkaline Phosphatase	72		U/L	44-147
AST	24		U/L	10-40
ALT	28		U/L	7-56

INFLAMMATORY MARKERS

Test Name	Result	Flag	Units	Reference Interval
CRP (C-Reactive Protein)	28	H	mg/L	0-5
ESR (Erythrocyte Sedimentation Rate)	42	H	mm/hr	0-20

GI-SPECIFIC MARKERS

Test Name	Result	Flag	Units	Reference Interval
Fecal Calprotectin	>800	H	ug/g	<50

IRON STUDIES

Test Name	Result	Flag	Units	Reference Interval
Iron	35	L	ug/dL	60-170
TIBC	420	H	ug/dL	250-370
Ferritin	12	L	ng/mL	12-150
Transferrin Saturation	8	L	%	20-50

INTERPRETATION

Results demonstrate active inflammatory bowel disease with elevated inflammatory markers. Pre-biologic screening incomplete - TB and/or Hepatitis B screening required prior to biologic initiation. Recommend completion of screening panel before starting immunosuppressive therapy.