

Comprehensive Metabolic Panel

Order Name: **CHEM 14**

Test Number: 2028075

Revision Date: 09/17/2025

TEST NAME		METHODOLOGY	LOINC CODE
Glucose		Hexokinase	2345-7
Urea Nitrogen, Blood (BUN)		Urease/GLDH	3094-0
Creatinine		Kinetic Alkaline Picrate (Jaffe)	2160-0
Sodium		Ion-Selective Electrode	2951-2
Potassium Level		Ion-Selective Electrode	2823-3
Chloride		Ion-Selective Electrode	2075-0
Bicarbonate		Enzymatic	1963-8
Anion Gap Calculated		Calculation	33037-3
Calcium		Arsenazo	17861-6
Aspartate Transaminase (AST)		Enzymatic	1920-8
Alanine Transaminase (ALT)		Enzymatic	1742-6
Alkaline Phosphatase		Enzymatic	6768-6
Bilirubin Total		Jendrassik-Grof	1975-2
Albumin		BCG	1751-7
Protein Total		Biuret	2885-2
Glomerular filtration rate		Calculation	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
Alternate 1	1 mL (0.5)	Serum	Clot Activator SST	Refrigerated
Instructions	Specimen Stability: Ambient 1 day, Refrigerated 7 days, Frozen 2 weeks			

GENERAL INFORMATION

Testing Schedule	Daily
Expected TAT	1-2 days
Clinical Use	See detail tests.
Notes	Serum creatinine values will be used to calculate GFR (Glomerular Filtration Rate) with the 2021 CKD-EPI creatinine GFR calculation. The following test will be added on and reported at no additional charge. Order code: GFR Calculation [6907615] Result code: GFR CALC [6907615]
CPT Code(s)	80053
Lab Section	Chemistry