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“A” TESTS

Test Name	Synonyms	Panels	Clinical Significance
Alanine Aminotransferase	ALT, Glutamic-Pyruvic Transaminase, SGPT, GPT, Alanine Transaminase	Comprehensive Metabolic Panel (CMP), Liver Panel	This test is used to screen for liver damage and/or to help diagnose liver disease
Albumin	ALB	Comprehensive Metabolic Panel (CMP), Liver Panel, Renal Panel	This test is used to screen for and help diagnose liver disorders or kidney disease. It is sometimes used to evaluate nutritional status, especially in hospitalized patients.
Alkaline Phosphatase	ALP, Alk Phos, Alkp	Comprehensive Metabolic Panel (CMP), Liver Panel	This test is used to screen or monitor treatment for a liver or bone disorder
Amylase	Amy		This test is used to diagnose and monitor acute pancreatitis. It is also sometimes used to diagnose and monitor chronic pancreatitis or other pancreatic diseases.
Anion Gap		Basic Metabolic Panel (BMP), Comprehensive Metabolic Panel (CMP), Electrolyte Panel	This test is calculated using the results of an electrolyte panel. It reflects the difference between the positively charged ions and the negatively charged ions. An abnormal anion gap is non-specific, but can suggest certain kinds of metabolic or respiratory disorders or the presence of toxic substances.
Aspartate Amino Transferase	AST, Serum Glutamic-Oxaloacetic Transaminase, SGOT, GOT, Aspartate Transaminase	Comprehensive Metabolic Panel (CMP), Liver Panel	This test is used to screen for liver damage and/or to help diagnose liver disease