

β-Hydroxybutyrate

Acceptable Tube Types



Alternate Name:	BHB
Performing Lab:	New Hanover
Specimen Container:	Lavender Top Tube (EDTA), Yellow, green (lithium heparin) or red tube
Minimum Volume Required:	1 mL
Testing Availability	Routine: 24 hours / day
	Stat: Yes
Turnaround Time:	4 hours
Special Handling:	None
Patient Preparation:	None
Specimen Stability:	1 week refrigerated
Reference Range:	0.2-2.81 mg/dL
Critical Value:	N/A
CPT Code:	82010
Testing Methodology:	Enzymatic
Causes for Specimen Rejection:	Improper labeling
Other Comments:	N/A
Clinical Significance:	Ketosis is a common feature in acutely ill patients. In subjects suffering from starvation, acute alcohol abuse, or diabetes mellitus, ketosis can result in severe life threatening metabolic acidosis. The presence and degree of ketosis can be determined by measuring blood levels of β-hydroxybutyrate.