

Ethanol, Blood

Test ID: ALC

Explanation: This test will become obsolete on the effective date due to the availability of more comprehensive clinical test options for volatile substance (ethanol, methanol, isopropanol, and acetone) testing.

Recommended Alternative Test:

Volatile Screen, Blood

Test ID: VLTB

Methodology:

Headspace Gas Chromatography Flame Ionization Detector (HSGC-FID)

Reference Values:

Methanol:

Not detected (Positive results are quantitated.)

Toxic concentration: > or =10 mg/dL

Ethanol:

Not detected (Positive results are quantitated.)

Toxic concentration: > or =400 mg/dL

Isopropanol:

Not detected (Positive results are quantitated.)

Toxic concentration: > or =10 mg/dL

Acetone:

Not detected (Positive results are quantitated.)

Toxic concentration: > or =10 mg/dL

Specimen Requirements:**Container/Tube:**

Preferred: Gray top (potassium oxalate/sodium fluoride)

Acceptable: Lavendar top (EDTA) or green top (sodium heparin)

Specimen Volume: 2 mL

Specimen Minimum Volume: 0.5 mL

Collection Instructions: Do not use alcohol to clean arm. Use alternatives such as Betadine to cleanse arm before collecting any specimen for volatile testing.

Specimen Stability Information:

Specimen Type	Temperature	Time
Whole blood	Refrigerated (preferred)	14 days
	Ambient	24 hours
	Frozen	28 days

CPT Code:

G0480

80320 (if appropriate for select payers)

[Clinical Toxicology CPT Code Client Guidance](#)

Day(s) Performed: Monday through Saturday

Report Available: 1 to 2 days

Questions

Contact Brandon DeBoom, Laboratory Resource Coordinator at 800-533-1710.