

Reporting Title: Volatile Scrn, B**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive**Ordering Guidance:**

This test is not performed using chain of custody. For chain of custody testing, order VLTBX / Volatile Screen, Chain of Custody, Blood.

Additional Testing Requirements:

If measurement of ethylene glycol is also needed, order ETGL / Ethylene Glycol, Serum.

Specimen Requirements:**Container/Tube:**

Preferred: Gray top (potassium oxalate/sodium fluoride)

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

Specimen Volume: 2 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.

Forms:

If not ordering electronically, complete, print, and send a [Therapeutics Test Request](#) (T831) with the specimen.

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

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|------------------|--------------|-------|---------|
| 89190 | Volatile Scrn, B | Alphanumeric | | 41266-8 |
| 30921 | Methanol, B | Alphanumeric | mg/dL | 9334-4 |
| 30922 | Ethanol, B | Alphanumeric | mg/dL | 5640-8 |
| 30923 | Acetone, B | Alphanumeric | mg/dL | 9425-0 |
| 30924 | Isopropanol, B | Alphanumeric | mg/dL | 5667-1 |
| 34377 | Chain of Custody | Alphanumeric | | 77202-0 |

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

G0480

80320 (if appropriate for select payers)

[Clinical Toxicology CPT Code Client Guidance](#)

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