

ALCOHOL
FRACTIONATION
(BY GAS
CHROMATOGRAPHY)

Orderable - VOL

Turn Around Time: 4 hours

STAT: 1 hour

Alternate Name(s):

Volatile Screen
Methanol
Isopropanol
Acetone
Ethanol

Specimen:

5 mL Gold top Vacutainer tube. Lithium Heparin or EDTA plasma is also acceptable.

Collection Information:

Volatile: keep tube tightly sealed.

Do not use alcohol swab for venipuncture.

Volatile screen is available STAT without authorization.

Reference Ranges:

Toxic Levels	
Methanol:	>6 mmol/L
Isopropanol:	>7 mmol/L
Acetone:	>6.9 mmol/L
Ethanol:	>33 mmol/L

Interpretive Comments:

Alcohol fractionations are performed when requested. Methanol, Isopropanol, and Acetone are identified and quantitated by Gas Liquid Chromatography. Routine Ethanol is quantified by an enzymatic assay. Ethanol quantitation by Gas Liquid Chromatography is available with Biochemist approval.



Laboratory:
Core Lab




Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Gas Liquid
Chromatography



Test Schedule:
As required



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Special Processing:

For SRA staff when a sample is received at UH:

UH SRA:

Please call VH SRA when a sample is received.

VH SRA:

Please alert technologist that a sample is on the way

Comments:

*CRITICAL VALUE to be phoned to Nurse or Physician immediately:
all positive results.*