# ETHANOL SERUM/ PLASMA

# London Health Sciences Centre

Pathology and Laboratory Medicine

# Orderable - ALC

Turnaround Time: 4 hours

STAT: 1 hour

#### Alternate Name(s):

Ethyl Alcohol

#### Specimen:

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Laboratory: Core Lab



Requisition: GENERAL LABORATORY REQUISITION

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Method of Analysis: Enzymatic rate

Test Schedule: As required

#### **Collection Information:**

Adult

4.5 mL Green (Lithium

Heparin) top Vacutainer

tube

Cleanse site with soap and water only. Do not use alcohol prep (isopropyl pad) or SoluPrep (chlorhexidine/70 % isopropyl alcohol) pads.

Serum from a 5 mL Gold top or 6 mL Red top Vacutainer

tube is also acceptable.

Pediatric

0-2 years: 0.5 mL Green

Microtainer

2-10 years: 3 mL Green top tube

Collect blood aseptically into a Vacutainer tube.



Negative

Values > 2.2 mmol/L will flag as High.

Critical Value: 33.0 mmol/L or greater

### **Special Processing:**

Spin all urine samples to remove debris.

### Comments:





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Also available as part of Alcohol Fractionation by Gas Liquid Chromatography with Biochemist's approval.

## **Storage and Shipment:**

Specimen should be separated as soon as possible and analyzed immediately after opening the sample tube. Precautions should be taken to prevent alcohol evaporation.