

# GLYCOL SCREEN

## Orderable - GLYCOLS

Turn Around Time: 24 hours

STAT: 4 hours

### Alternate Name(s):

Glycols  
Ethylene Glycol  
Propylene Glycol



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Gas Liquid  
Chromatography



**Test Schedule:**  
As required

### Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube	0-2 years: 0.5 mL Red top Microtainer 2-10 years: 2 mL Red top tube
Lithium Heparin or EDTA plasma is also acceptable.	

### Collection Information:

Collect blood aseptically in a Vacutainer tube.

Samples should be tightly capped and refrigerated for short-term storage.

**Note: Authorization by On-Call Biochemist required evenings, nights, weekends and holidays.**

### Reference Ranges:

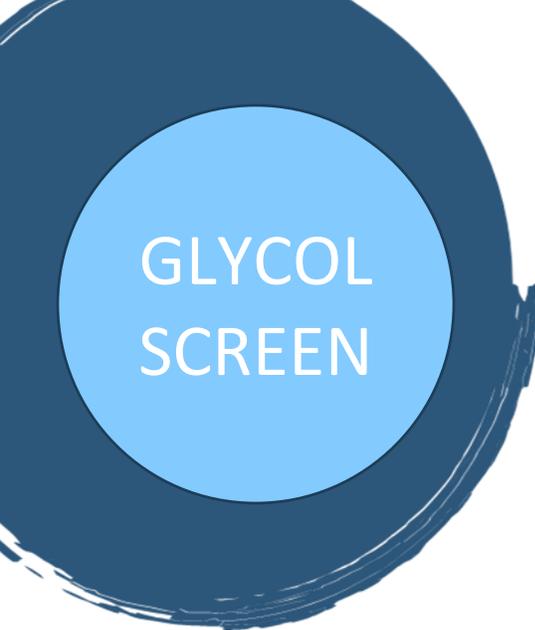
Negative

Toxic: >3.2 mmol/L

### Interpretive Comments:

Should be requested specifically if poisoning suspected.

Performed by Gas Liquid Chromatography as part of Glycol Fractionation.



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## Special Processing:

Glycol and Volatile Ordering Technical Aid

### **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

**Note: Authorization by On-Call Biochemist required evenings, nights, weekends and holidays**

## Comments:

*CRITICAL VALUE to be phoned to Nurse or Physician immediately:*

All positive results.

## Storage and Shipment:

Samples should be frozen for long-term storage.