GLYCOL SCREEN

Orderable - GLYCOLS
Turn Around Time: 24 hours
STAT: 4 hours

Alternate Name(s):
Glycols
Ethylene Glycol
Propylene Glycol

Specimen:

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td></td>
<td>5 mL Gold top</td>
<td>0-2 years: 0.5 mL Red top Microtainer</td>
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<td>Vacutainer tube</td>
<td>2-10 years: 2 mL Red top tube</td>
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<td>Lithium Heparin or EDTA plasma is also acceptable.</td>
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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.
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.