Orderable - PENTO
STAT Turnaround Time: 8 hours

Alternate Name(s):
Nembutal

Specimen:

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<th>Adult</th>
<th>Pediatric</th>
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<tr>
<td></td>
<td>6 mL Red top Vacutainer tube or 6 mL Dark Green (Sodium Heparin) or</td>
<td>0-2 years: 0.5 mL Green top Microtainer</td>
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<td>Lithium Heparin top Vacutainer tube</td>
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Collection Information:
Minimum volume of serum or Heparin or Citrate plasma required is 1.2 mL. Authorization by On-Call Biochemist required. Hospital for Sick Children’s requisition required to be completed by physician.

Reference Ranges:

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<tr>
<td>Hypnotic</td>
<td>4 - 22 µmol/L</td>
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<tr>
<td>Toxic</td>
<td>&gt;40 µmol/L</td>
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<tr>
<td>Therapeutic Coma</td>
<td>90 - 220 µmol/L</td>
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All results must be phoned

Special Processing:

For SRA:
Samples can be received at VH or UH Core Lab but results will always be returned to VH Core Lab to be entered by technologist at VH.
Call Sick Kids (416-813-5906) and tell them there is a STAT specimen for Pentobarbital testing.

Send completed Sick Kids requisition, with work list. Ensure that phone and fax numbers for VH Core Lab are clearly written on the work list so results can be returned to the VH Core Lab.

**Work List:**
VH Refo to HSC
UH Refo to HSC

**Contact information for VH Core Lab:**
Tel: 519-685-8500 x 52573
Fax: 519-685-8630

Call courier and tell them there is a STAT specimen to send to Hospital for Sick Children, Toronto.

Let the VH Core Chemistry MLT know that a sample has been sent for Pentobarbital testing and that results will be faxed back to the VH Core Lab when testing is completed.

**Storage and Shipment:**
Spin and aliquot serum. Ship specimen with ice packs.