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**Lab Dept:** Chemistry

**Test Name:** VERAPAMIL LEVEL

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***General Information***

**Lab Order Codes:** VER

**Synonyms:** Isoptin®, Calan, Verapamil

**CPT Codes:** G0480 – Drug, test, definitive

**Test Includes:** Verapamil reported in ng/mL.

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***Logistics***

**Test Indications:** Therapeutic drug monitoring (Calcium Channel Blocker)

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** MedTox Laboratories (Test:99743) forward to National Medical (NMS)  
(Test: 4770B)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 3 – 5 days

**Special Instructions:** Trough levels are most reproducible.

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***Specimen***

**Specimen Type:** Blood

**Container:** Red top NO GEL tube  
Alternate: Green top NO GEL (Li Heparin) tube

**Draw Volume:** 9 mL (Minimum: 3.6 mL) blood

**Processed Volume:** 3 mL (Minimum: 1.2 mL) serum/plasma

**Note:** Submission of the minimum volume results in an elevated reporting range and inability to repeat analysis.

<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimens; collected in an SST/PST tube

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### ***Interpretive***

<b>Reference Range:</b>	<b>Verapamil:</b> 70 - 350 ng/mL
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	Gas Chromatography (GC)
<b>References:</b>	MedTox Laboratories Web Page <a href="http://www.medtox.com">www.medtox.com</a> National Medical Services: <a href="http://www.nms.com">www.nms.com</a>
<b>Update:</b>	8/10/15: Norverapamil no longer reported. CPT update, previously listed as 82492 2/4/2016: CPT update 11/16/2016: Tube update to NO GEL.