

## Laboratory Medicine Technical Bulletin

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### Plasma Voriconazole Levels by Liquid Chromatography and Tandem Mass Spectrometry

July 11, 2012

As of July 09, 2012, St. Paul's Hospital (SPH) will be offering therapeutic drug monitoring for plasma voriconazole by liquid chromatography and tandem mass spectrometry (LC-MS/MS).

Samples should be collected 12 hours after the last dose and before the next dose, whether the drug is administered orally or parenterally. The target therapeutic range is 1.0-5.5 mg/L and specimens with levels  $\geq 9$  mg/L will be faxed or telephoned.

The sample type is plasma collected in a lavender top (EDTA) tube only. The test is available on weekdays. If you have any questions, please do not hesitate to contact us.

**Specimen Type: EDTA plasma**

**Spin sample within 2 h of draw**

**Minimum Sample Volume: 500  $\mu$ L**

**Shipment Instructions: Ship cold or frozen**

**Target Therapeutic Range: 1.0-5.5 mg/L**



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