HOTLINE: Effective February 22, 2022

2001737 Voriconazole, Quantitation by LC-MS/MS VORICON AF

Specimen Required: Patient Prep: Specimens collected just before or within 15 minutes of the next dose represent the TROUGH levels. Specimens obtained within 15-30 minutes after the end of I.V. infusion or 45-60 minutes after an IM injection or 90 minutes after oral intake represent the PEAK level. Timing of specimen collection: Pre-dose (trough) draw - At steady state concentration.
Collect: Plain Red, Lavender (EDTA), or Green (Sodium or Lithium Heparin).
Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.6 mL)
Storage/Transport Temperature: Frozen.
Unacceptable Conditions: Whole blood. Gel separator tubes, Light Blue (citrate), or Yellow (SPS or ACD solution).
Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 48 hours; Frozen: 6 months

Interpretive Data:
Voriconazole is an azole antifungal drug indicated to treat invasive aspergillosis, candidiasis, scedosporiosis, and fusariosis infections. The therapeutic range is based on serum, predose (trough) draw collection at steady-state concentration. The pharmacokinetics of voriconazole are influenced by drug-drug interactions when coadministered with drugs metabolized by cytochrome P450 2C9, 2C19 and 3A4 enzymes. Adverse effects may include nausea, vomiting, tachycardia, and elevated serum liver enzymes.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.