Voriconazole, Serum/Plasma

The median values for the mean and maximum Voriconazole plasma concentrations in individual patients were 2.51 ug/mL (inter-quartile range 1.21 - 4.44 ug/mL) and 3.79 ug/mL (inter-quartile range 2.06 - 6.31 ug/mL), respectively. A trough serum concentration greater than 0.5 to 2.0 ug/mL is recommended for treatment of fungal infection, while a trough concentration greater than 0.5 ug/mL is recommended for prophylaxis. Reversible neurotoxicity has been reported in patients with Voriconazole trough concentrations above 5.5 ug/mL.

This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary.