

Waterford: Antimicrobial Guidelines - Antimicrobial Guideline: Voriconazole Levels

- The first **trough**, (*i.e.* **PRE-DOSE**) level should be taken **within 5 days of starting treatment** , and **every 4-8 days thereafter** .
- Analysis is undertaken by the Biochemistry Laboratory in the Mater Misericordiae University Hospital Dublin via Mass Spectrometry (LC-MS/MS).
- Samples are frozen by the Mater who **batch process on a Tuesday at lunchtime only** . Thus, it is recommended to **send samples on Mondays** , (*note samples are sent from the UHW Serology department on the day of receipt*) .
- Results are available the follow day (i.e. on Wednesday morning) – but are **only verbally communicated if they are outside the therapeutic range** , risking toxicity, (i.e. $>5.7\text{mg/L}$).
- Samples should be sent in a **red top with a black ring container (serum without gel)** as per Mater instruction, (*see image below*) .

