Laboratory Testing
Update

In House Testing for Amikacin

Effective Tuesday August 18, 2015, the St Elizabeth Healthcare Laboratory at Ft Thomas will begin testing for Amikacin on the Roche Diagnostics platform. Previously, all specimens to be tested for Amikacin were sent to a reference lab.

The required specimen type remains serum collected in an SST or red top. Providers will be able to order an Amikacin Trough, an Amikacin Peak, or a random Amikacin level. The expected values for the Trough measurement will be 4-8 µg/mL. A trough value of >8 µg/mL is associated with toxicity and will be treated as a critical value. The expected values for the Peak measurement will be 20-30 µg/mL. A peak value of >30 µg/mL is associated with toxicity and will be treated as a critical value. A random Amikacin level of >30 µg/mL will also be treated as a critical value.

For questions or concerns about the switch to in house Amikacin testing, please contact Erica Davis at 859.572.3690 or Dr. Jackson Pemberton at 859.301.2357