New Test Announcement

St. Luke's Laboratory Services

AmniSure (Rupture of Fetal Membrane) Test Effective July 18, 2011

Effective July18, 2011 St. Luke's will begin using the AmniSure test to detect rupture of fetal membranes.

The AmniSure test kit is a self-contained test system providing qualitative results that are both accurate and do not require an invasive speculum exam. The test uses highly sensitive antibodies to detect placental alpha 1-microglobulin (PAMG-1) protein present in amniotic fluid. This protein is present in very high levels in amniotic fluid, and is present at low levels in blood and extremely low levels (0.05-0.22ng/mL) in cervicovaginal discharge when membranes are intact. The sensitivity cutoff of the AmniSure test is 20 times higher than this background concentration allowing for increased accuracy.

- Testing will be performed at the patient's bedside.
- Vaginal infections, urine, and small amounts of blood do not interfere with the test. For extremely bloody specimens, an alternative method must be used to determine rupture of membranes.
- In very rare cases when a sample is collected more than 12 hours after a rupture, a false negative result may occur due to obstruction of the rupture by the fetus or resealing of the amniotic sac.
- AmniSure should not be used earlier than six hours after the removal of any disinfectant solutions or medicines from the vagina.

If you have questions, please contact K. Baer, M.D. (218)249-5751, Immunology Medical Director or Jennifer Viergutz, MT (ASCP) (218) 249-5724Laboratory Services Coordinator.