



TO: Asante Health Care Providers

FROM: Sherry Sorenson, MLS (ASCP<sup>CM</sup>)  
Laboratory Outreach Services Manager

DATE: October 16, 2017

**SUBJECT: HSV1 and HSV2 IgG Serological testing**

Asante Rogue Regional Medical Center Laboratory is pleased to offer a Herpes Simplex Virus type 1 and type 2 IgG specific antibody panel performed in-house. This test will be performed daily, Monday through Friday.

CDC guidelines recommend using an HSV type specific glycoprotein assay for IgG. Because HSV type 1 and type 2 are antigenically similar, type specific serological assays provide a more accurate analysis of whether the HSV is type 1 or type 2. The HSV 1 and 2 IgG serological tests performed at Asante are determined from a chemiluminescent immunoassay and are specific for HSV type specific glycoprotein, G1(HSV1) and G2(HSV2). While the HSV IgM is not recommended by the CDC due to the non-specificity of IgM testing, that test is available as a send out from our laboratory.

The results of this assay are not by themselves diagnostic, but should instead be determined in conjunction with clinical findings and other diagnostic procedures as well as in association with sound medical judgment. Cell culture and PCR are the preferred HSV tests for persons who seek medical treatment for genital ulcers or other mucocutaneous lesions.

New test codes are:

- Herpes Simplex Virus Type 1 and 2 IgG Antibody
  - EPIC Order: HSV 1,2 IgG LAB1235422
- Herpes Simplex Virus IgM Antibody Screen
  - EPIC Order: Herpes Simplex Virus Antibody Screen, IGM by EIA, Serum LAB5339

For additional information, please contact Catherine Henrichs MT(ASCP), or Sarah Engstrom MT(ASCP), Special Chemistry Technical Specialists, 541-789-6353, or Sherry Sorenson MLS(ASCP)<sup>CM</sup>, ARMMC Laboratory Outreach Services Manager, 541-789-5310.