

Laboratory *News*

VOL. 42, NO. 2 - MARCH 4, 2019

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HCV GENOTYPING TEST (HCVGEN) NOW SENT TO MAYO LABORATORIES

Timothy S. Uphoff, PhD, DABMG, Molecular Pathology Laboratory

Effective March 7, 2019, Marshfield Labs will be sending the test for hepatitis C virus (HCV) genotyping (HCVGEN) to [Mayo Laboratories](#). The new orderable test code is **HCVGSO**.


The reason for the change is relatively low test volume. This test is used for determining hepatitis C virus genotype (1 to 5) to guide antiviral therapy in patients with chronic hepatitis C, and differentiating between hepatitis C virus subtypes 1a and 1b.

Please Note: Specimens should contain a recommended minimum HCV viral load of 500 IU/mL to determine the HCV genotype.

SAMPLE INFORMATION

- **Specimen Type:** Serum SST
- **Specimen Volume:** 5 mL (preferred);
1.5 mL (minimum)
- **Specimen Stability:** Frozen 42 days (preferred);
Refrigerated 72 hours

QUESTIONS

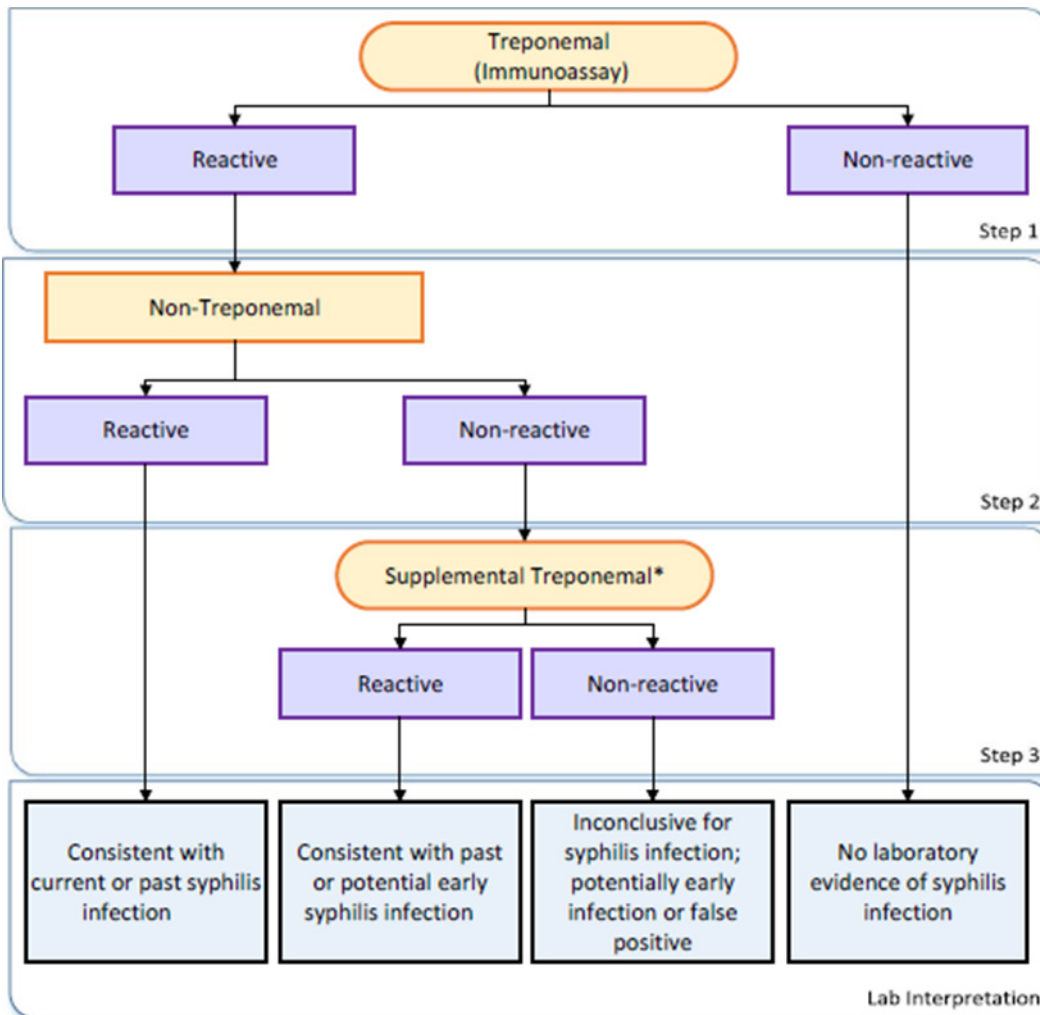
- Test information is available from Marshfield Labs Customer Service Department or [Marshfield Labs Test Reference Manual](#).
- Interpretive questions may be directed to Dr. Timothy Uphoff.
- Phone number: 800-222-5835. 



REAGENT CHANGE FOR SYPHILIS ANTIBODY IMMUNOASSAY

Joyce L. Flanagan, PhD, DABCC, Clinical Chemist, Marshfield Labs

Effective February 28, 2019, reagent for testing Syphilis Antibody Screen (test code: **SYPHAB**) will detect total (IgG and IgM) antibodies to *Treponema pallidum* instead of the current IgG antibody alone. There are no changes in the testing method or algorithm. We are currently using the reverse testing algorithm as described below:



If **SYPHAB** is reactive, the non-treponemal, rapid plasma regain (test code: **RPR**) assay with titer will be reflexed. If RPR is non-reactive, a supplemental *treponema pallidum*-particle agglutination (test code: **TP-PA**) assay will be performed with lab interpretation.

QUESTIONS

- Test information is available in [Marshfield Labs Test Reference Manual](#) or from Marshfield Labs Customer Service Department.
- Technical questions may be directed to Dr. Joyce Flanagan or Roxanne Willadsen, Ass't Manager.
- Interpretive questions may be directed to Dr. Thomas Novicki or Dr. Thomas Fritsche.
- Phone number: 800-222-5835. 📞

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PERFORMING INSTRUMENT CHANGE FOR FREE KAPPA AND FREE LAMBDA ASSAYS

Joyce L. Flanagan, PhD, DABCC, Clinical Chemist, Marshfield Labs

Effective March 18, 2019, serum free Kappa and free Lambda assays (test code: **FLC-S**) will be performed on the semi-automatic turbidimetric Optilite Protein System by *The Binding Site*. The Optilite Protein System is replacing the nephelometric Dade Behring Nephelometer II (BN II) system by *Siemens, Inc.*

Both systems use the same reagents manufactured by *The Binding Site*. A comparison study was performed in parallel using 40 current clinic patients; there is no reference change per this study.

Recommendation: If a patient is being monitored serially prior to the instrument change, please contact the Lab at 715-221-6244 to request repeating sequential testing by the new platform if clinically indicated.

QUESTIONS

- Test information is available in [Marshfield Labs Test Reference Manual](#) or from Marshfield Labs Customer Service Department.
- Clinical or technical questions may be directed to Dr. Joyce Flanagan or Roxanne Willadsen, Assistant Manager.
- Phone number: 800-222-5835. 📞