

# Lakeland Laboratory

## Technical Bulletin

February 28, 2020

### Heparin Induced Thrombocytopenia (HIT) Change of Testing Method

Spectrum Health Lakeland laboratory is pleased to announce the availability of a more dependable assay for detecting HIT beginning March 3, 2020. Spectrum Health Lakeland will discontinue testing HIT with the PIFA Heparin/PF4 Rapid Assay Cartridge and will now send all HIT specimens to Spectrum Health Regional Laboratory in Grand Rapids for testing by the ASSERACHROM® HPIA (ELISA) method. All positive or borderline results will reflex to a Serotonin Release Assay for confirmation. Results will be available within 24 hours Monday thru Friday and within 24 hours upon request on the weekends.

This change is necessary for a few important reasons. The College of American Pathologists no longer offer a required bi-annual proficiency for the PIFA Rapid Assay which places stress on the laboratories to find an alternate assessment. Utilizing the ASSERACHROM® HPIA method at Spectrum offers greater sensitivity and lower costs for both the patient and Lakeland. The ASSERACHROM® HPIA (ELISA) method provides highly sensitive (100.0%) and specific results (93.8%) as compared to the PIFA Heparin/ PF4 Rapid Assay (91.3%/ 98.1%). For more information on Spectrum's Heparin Dependent Antibody and the 4T Score table, please visit their laboratory test catalog at <https://spectrumhealth.testcatalog.org/show/LAB7660-1>.

Specimen	2 Red Tops (no additive)		
CPT Code	86022		
Test Order Code	Sunquest: HIT	EPIC: LAB3303	Patient Cost: \$130.46
Test Sensitivity	100.0%		
Test Specificity	93.8%		

For additional information or questions please contact Lakeland Laboratory Client Services:

- Call (269) 983-8311
- 1-800-513-9193

Or visit the Lakeland laboratory website: [www.lakelandhealth.org/lab](http://www.lakelandhealth.org/lab) then select laboratory test menu.