

To: All RML Clients

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Date: April 25, 2017

Subject: 4<sup>th</sup> Generation HIV Testing

Regional Medical Laboratory (RML) is pleased to announce, effective immediately, we will be transitioning to a 4<sup>th</sup> generation HIV Ag/Ab Combination test. This 4<sup>th</sup> generation test is a diagnostic immunoassay that simultaneously detects qualitative human immunodeficiency virus p24 antigen and antibodies to human immunodeficiency virus types 1 and 2. Compared to the 3rd generation HIV antibody-only test, the 4th generation HIV test provides greater sensitivity and will enhance the ability to detect early infection.

Results will be reported as Reactive, Nonreactive, or Indeterminate. A reactive result using the 4<sup>th</sup> generation test does not distinguish between the antigen or antibody; nor will it differentiate antibodies to HIV types 1 and 2. Reactive and indeterminate tests will reflex to confirmatory testing for differentiation of HIV types 1 and 2. Reflex testing will be performed as indicated at an additional charge.

**Test name:** HIV Ag/Ab  
**Test code:** 3609705  
**CPT code:** 87389 (Reflex: 86701, 86702 and possible 87535)  
**LOINC:** 56888-1  
**Expected turnaround time:** 1-3 days  
**Specimen requirements:**

Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
<b>Two tubes, 2.0 mL each</b>	Serum	Clot activator SST (Red/Gray or Tiger top)	Refrigerated

**Note – two SST tubes are required for the 4<sup>th</sup> generation test – one for the screen and one for possible reflex testing.**

Please contact Ryan Hatley or Dr. Cindi Starkey at 918-744-2553 with questions regarding these updates.