

SYPHILIS TRADITIONAL TEST CASCADE UPDATE

May 31, 2022

Effective June 7, 2022, Pacific Diagnostic Laboratories (PDL) will be adjusting the reflex tests on the syphilis screening LAB494 Rapid Plasma Reagin (RPR) and will be updating the test naming.

WHAT IS CHANGING

• TEST NAME UPDATES

UPDATED TEST NAME	PREVIOUS NAME
LAB494 RPR WITH REFLEX TO CONFIRMATORY SYPHILIS ANTIBODY AND RPR TITER (DIAGNOSTIC)	RAPID PLASMA REAGIN (RPR)
LAB9616 SYPHILIS ANTIBODY IGG/IGM WITH REFLEX TO RPR QUANTITATIVE	SYPHILIS ANTIBODY IGG/IGM

• REFLEX TEST CHANGES (TRADITIONAL SYPHILIS TESTING ALGORITHM)

UPDATED TEST REFLEX	REFLEX OCCURS IF
LAB9616 Syphilis Antibody IGG/IGM with reflex to RPR Quantitative <i>Replaces LAB9700 TPPA (SYPHILIS ANTIBODIES) PUBLIC HEALTH</i>	RPR is reactive
LAB970 RPR – QUANTITATIVE (REFLEX) <i>Replaces: LAB8337 RPR (PUBLIC HEALTH)</i>	Syphilis Antibody is reactive

WHY THIS IS CHANGING

PUBLIC HEALTH LABORATORY CHANGES: PDL received notice from the Santa Barbara County Laboratory that they will be *discontinuing* the syphilis confirmation tests including TPPA, RPR and RPR Quantitation (titer).

BACKGROUND INFORMATION: Syphilis screening requires a testing algorithm to reduce the risk of false positive results. The Center for Disease Control (CDC) outlines details on their website: [Syphilis - STI Treatment Guidelines \(cdc.gov\)](https://www.cdc.gov/std/treatment-guidelines/)

Traditional cascade: PDL has been performing the initial non-Treponemal test (RPR) test and if the result is reactive, the specimen is sent to Santa Barbara Public Health Laboratory for the confirmatory Treponema test (TPPA) and RPR titer. This will be changed to PDL performing all testing in-house.

FREQUENTLY ASKED QUESTIONS:

What if my site performs the initial RPR, what test do I order for confirmation?

To complete the Traditional testing cascade, you can order **Syphilis Antibody IGG/IGM with reflex to RPR Quantitative LAB9616**. This is a Treponemal test that aligns with the CDC recommendations for confirmation of syphilis.

Does PDL offer the Reverse Syphilis Testing cascade?

PDL is in process of setting up the Reverse cascade option. This option can improve detection and reduce ambiguous results. We will be providing an update when this option is available.

What test should I use to monitor a patient going through treatment?

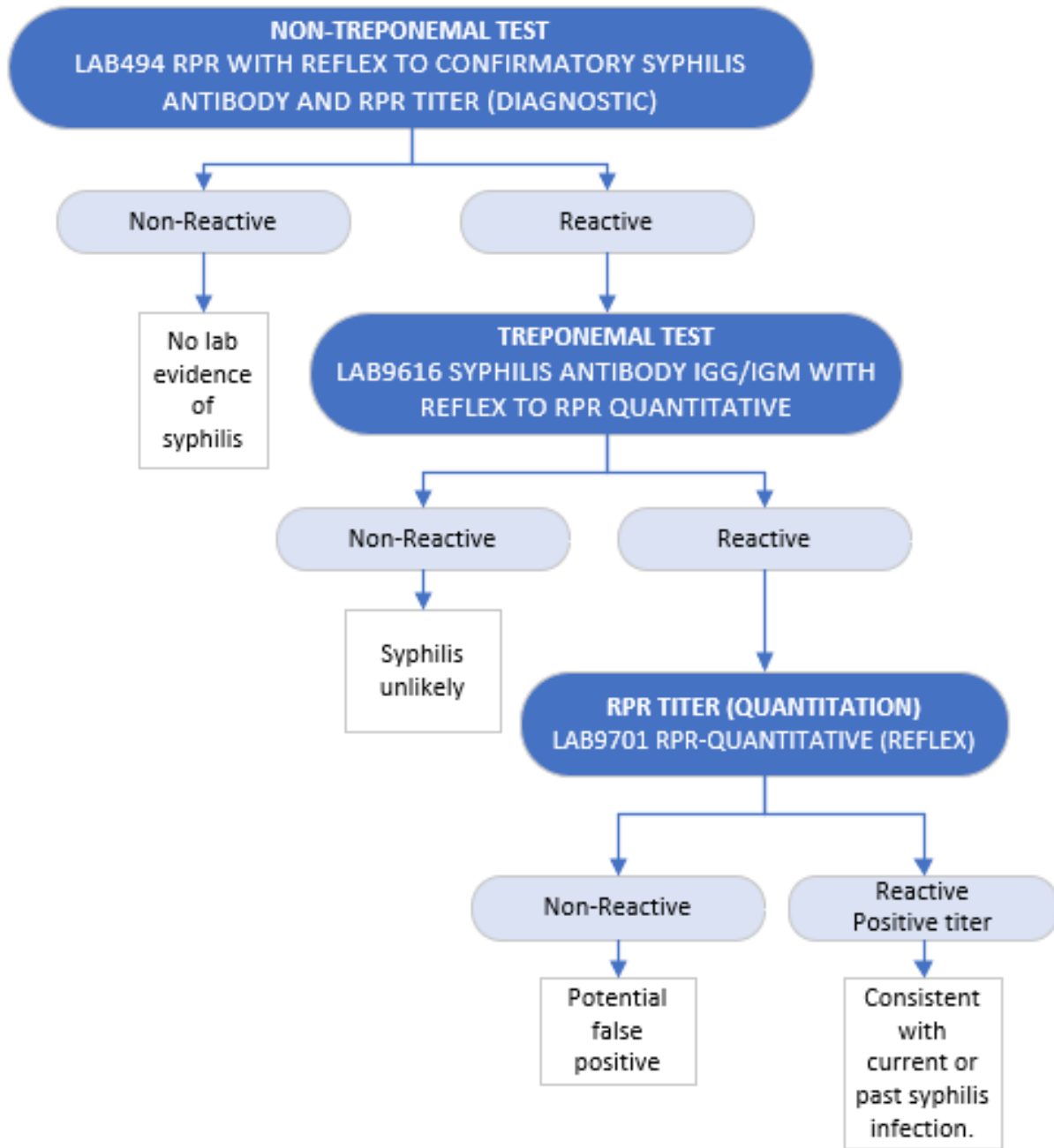
For monitoring a patient through treatment (previously diagnosed/reactive) use **LAB10519 RPR WITH TITER**.

FOR MORE INFORMATION PLEASE CONTACT PDL CLIENT SERVICES AT 805-879-8100

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PDL Syphilis Testing: Traditional Cascade



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REFLEX TEST INFORMATION

Test Name	Order/Interface Code	Test Code	Order LOINC	Insurance Price	
SYPHILIS ANTIBODY IGG/IGM WITH REFLEX TO RPR QUANTITATIVE	LAB9616/SYPHABS	1230111075		\$60.65	
<i>Result name</i>		<i>Result Code</i>	<i>Result LOINC</i>	<i>CPT</i>	<i>CDM</i>
Syphilis Antibody IgG/IgM		1230011079		86780	30200246
Test Name	Order/Interface Code	Test Code	Order LOINC	Insurance Price	
RPR – QUANTITATIVE (REFLEX TEST ONLY*)	LAB9701/LAB9701	1230111077		\$20.15	
<i>Result name</i>		<i>Result Code</i>	<i>Result LOINC</i>	<i>CPT</i>	<i>CDM</i>
RPR		1810249	20507-0	86593	30200385
RPR Titer		1230014901	31147-2		
Test Name	Order/Interface Code	Test Code	Order LOINC	Insurance Price	
SYPHILIS INTERPRETATION (REFLEX TEST ONLY*)	LAB9921/SYPHIT	1230011117	56850-1	\$0	
<i>Result name</i>		<i>Result Code</i>	<i>Result LOINC</i>	<i>CPT</i>	<i>CDM</i>
Syphilis Interpretation		1230601917	56850-1	N/A	N/A

ADDITIONAL INFORMATION

***REFLEX TEST ONLY:**

- RPR-QUANTITATIVE LAB9701 and SYPHILIS INPRETATION LAB9921 are REFLEX tests only and should not be ordered directly. If Traditional Algorithm reflex criteria is met, the test will be automatically reflexed. Additional charges may apply.
- Reflex test information is being provided for your convenience. Some Electronic Medical Record (EMR) require adjustments to receive the reflex/result components.

DEACTIVATED REFLEX TEST INFORMATION

DEACTIVATED REFLEX TESTS	
LAB8264/NEORPR	RPR, NEONATAL (PUBLIC HEALTH)
LAB8337/RPRRX	RPR, PUBLIC HEALTH
LAB9700/TPPAPH	TPPA SYPHILIS ANTIBODIES (PUBLIC HEALTH)

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