Clinical Laboratory Special Update

Rapid Plasma Reagin with reflex to titer

Effective, August 21, 2024, the University of Colorado Hospital Clinical Laboratory will perform Rapid Plasma Reagin (RPR) with reflex to Titer.

RPR will also be reflexively ordered as part of the syphilis screening algorithm (See lab update: Syphilis Screening Algorithm).

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| EPIC | Test Name |
| LAB3784 | Rapid Plasma Reagen with reflex to titer |
| Performed  | Batch testing, Monday through Friday, 8:00 am and 6:00 pmWeekends and holidays, 8:00 am Samples missing cut of times will be tested at the next scheduled run |
| Reported | Same day of testing |
| CPT | RPR, 86592; if needed, RPR Titer, 86953 |

Syphilis Screening Algorithm

UCHealth Memorial Hospital Clinical Laboratory performs Syphilis screening tests and sends follow up testing to the University of Colorado Hospital Clinical Laboratory. Testing begins with the Treponema pallidum antibody (TREPAB), which is the recommended test for syphilis.

If the TREPAB test is reactive, The University of Colorado Hospital Clinical Laboratory performs a Rapid Plasma Reagin (RPR), and if reactive, the RPR Titer is performed, as noted below.

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| EPIC | Test Name | Indication for Use |
| LAB1197 | Treponema pallidum antibody (TREPAB) | Syphilis screening |
| Testing Algorithm | Samples that test reactive by the TREPAB assay will automatically be tested by the rapid plasma reagin (RPR) method to help determine the timing of the infection. If the RPR test is reactive, RPR titer will also be performed.https://www.testmenu.com/universityhospital/TestDirectory/SiteImage?imageName=/TREPAB%20Algorithm.jpg |
| CPT | TREPAB, 86780, If TREPAB is reactive, RPR will be performed and billed 86592, if RPR is reactive, RPR Titer will be performed and billed, 86953. |

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For any questions about this test update, please contact:

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