Clinical Laboratory Test Update

Syphilis Screening Algorithm

The University of Colorado Hospital Clinical Laboratory follows a reverse algorithm in Syphilis testing. Testing begins with the Treponema pallidum antibody (TREPAB), which is the recommended test for syphilis.

If the TREPAB test is reactive, a Rapid Plasma Reagin (RPR) is performed as noted below.

<table>
<thead>
<tr>
<th>Test name</th>
<th>Treponema pallidum antibody (TREPAB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAP</td>
<td>LAB1197</td>
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</tbody>
</table>

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.

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).

Please visit our test directory at [https://www.testmenu.com/universityhospital](https://www.testmenu.com/universityhospital) for additional information.