

# SYPHILIS TESTING ALGORITHM

For syphilis diagnosis

Syphilis Total (IgG/IgM)  
 Diagnosis Ab with RPR  
 Reflex (SYPGM)

**Reactive or Equivocal**

Reflex to RPR  
 if positive, titer  
 performed

**Reactive**

*Consistent with  
 current or past  
 syphilis  
 infection*

**Non-reactive**

**Non-reactive**  
*No laboratory  
 evidence of syphilis  
 infection*

Reflex to TPPA  
 Second syphilis Ab assay

**Positive**

*Consistent with past or potential  
 early syphilis infection*

**Negative**

*Inconclusive for syphilis infection;  
 potentially early infection or false  
 positive*

For a patient follow  
 up after therapy

Syphilis Post Treatment  
 (RPRPT) \*

\*Only RPR test performed, with titer if positive,  
 without second treponemal Ab assay