

TPHA

TPHA (*Treponema pallidum hemagglutination*) is a syphilis screening test.

- The antigen is *T. pallidum* ssp. *Pallidum* Nichols (so-called Nichols strain) bound to chicken erythrocytes. Agglutination occurs when this antigen meets serum antibodies.^[1]
- The sensitivity of TPHA in primary syphilis is 69-90%, in secondary syphilis 100%, and later around 97%.
- The specificity of this test is at least 98%.^[2]

Links

Related articles

- Syphilis
- Fast reagent reaction

References

1. <http://mikrobiologie.lf3.cuni.cz/mikrobiologie/bak/uceb/obsah/lues/lues.htm>
2. <http://www.medmicro.info/portal/syphilis/lvl3/ch09s05.html>

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