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ENZYWELL TREPONEMA PALLIDUM RECOMBINANT IgG EIA KIT

Principal of the test

The DIESSE ENZYWELL TREPONEMA PALLIDUM IgG KIT is a stepwise EIA method for the determination of IgG class antibodies to Treponema pallidum in human serum.

The antigen, composed of recombinant, pooled Treponema pallidum antigens, is bound to the microtitre wells.

Features and benefits of the kit

The DIESSE ENZYWELL IgG kit has been designed to be “user-friendly” and to minimise waste

- 1. Short incubation time**
Results available within two hours
- 2. 12 x 8 breakwell test presentation**
Good flexibility to meet varying specimen throughput
- 3. 97.4% Sensitivity, 100% Specificity**
Clinically valid results
- 4. Ready for use reagents**
Positive, negative and cut-off controls, conjugate, substrate and stop solution are all liquid and ready for use. Reduces preparation time and minimises wastage

ORDERING INFORMATION

PRODUCT CODE 91050

PACK SIZE 12 X 8 tests



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TEST PROCEDURE FOR TREPONEMA PALLIDUM RECOMBINANT IgG EIA KIT

STEP 1 Place 100µL of diluted sample/controls in the wells of the strips



Incubate for 45 mins at 37 C

Wash 4 times



STEP2 Add 100µL of conjugate to each well



Incubate for 45 mins at 37 C

Wash 4 times



STEP3 Add 100µL of TMB Substrate to each well



Incubate for 15 minutes at room temperature



STEP4 Add 100µL of Stop Solution



Read absorbance at 450nm within 15 minutes



STEP5 Interpretation of results

O.D. sample > O.D. cutoff = positive result

For more details see pack insert

REFERENCES

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4. L Lewis et al: Evaluation of immunoglobulin M. western blot analysis in the diagnosis of congenital syphilis: J Clin Microbiol 28 296 (1990)
5. M Norgard et al: Sensitivity and specificity of monoclonal antibodies directed against determinants of Treponema pallidum Nichols in the diagnosis of syphilis.J Clin Micro Microbiol, 20:711(1984)
6. M J Bailey et al: Production of murine monoclonal antibodies to the major axial filament polypeptide of Treponema pallidum. J Gen Microbiol. 133: 1805(1987)