9051 Mira Mesa Blvd, #910094
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Human TPAb (Treponema pallidum antibody) ELISA Kit

ADMEbio Catalog Number: EKFT19379HU **For Research Use Only.** Not for use in diagnostic procedures.

Product Overview

Name	Human TPAb (Treponema pallidum antibody) ELISA Kit
Reaction Duration	3 hours
Reactivity	Human
Sensitivity	Qualitative
Assay Range	Qualitative
Detection Method	Qualitative
Assay type	Qualitative
Sample type(s)	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples

Required Instruments and Reagents

1. Microplate reader (wavelength: 450nm)
2. 37°C incubator (CO2 incubator for cell culture is not recommenced.)
3. Automated plate washer or multi-channel pipette/5ml pipettor (for manual washing purpose)
4. Precision single (0.5-10µL, 5-50µL, 20-200µL, 200-1000µL) and multi-channel pipette with disposable tips(Calibration is required before use.)
5. Sterile tubes and Eppendorf tubes with disposable tips
6. Absorbent paper and loading slot
7. Deionized or distilled water

Assay Procedure Summary

Step 1: Wash the plate twice before adding the standard and sample.

Step 2: Add 100ul standard or sample into each well, seal the plate and statically incubate for 90 minutes at 37°C.

Washing: Wash the plate three times and immerse for 1min each time.

Step 3: Add 100ul HRP-antibody working solution, seal the plate and statically incubate for 30 minutes at 37°C.

Washing: Wash the plate five times and immerse for 1min each time.

Step 4: Add 90ul TMB substrate solution, seal the plate and statically incubate for 10-20 minutes at 37°C. (Accurate TMB visualization control is required.)

Step 5: Add 50ul stop solution. Read at 450nm immediately and calculate.

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Stability

Perform the stability test for the sealed kit at 37°C and 2-8°C and get relevant data. ELISA kit(n=5) 37°C for 1 month

2-8°C for 6 months 2-8°C for 12 months Average(%) 80 95-100 85-98

Specificity

Specifically binds with TP-Ab , no obvious cross reaction with other analogues.

Storage

2-8°C(Sealed), Don't cryopreserve.