

Datasheet for ABIN5674937
TTPA ELISA Kit



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Overview

Quantity:	96 tests
Target:	TTPA
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

Product Details

Sample Type:	Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	25.3 pg/mL
Components:	Pre-coated, ready to use 96-well strip plate Standard (freeze dried) Standard Diluent Detection Reagent A Detection Reagent B Assay Diluent A Assay Diluent B TMB Substhumane

Product Details

Stop Solution
Wash Buffer(30 x concenthumane)
Plate sealer for 96 wells
Instruction manual

Material not included:

1. Microplate reader with $450 \pm 10\text{nm}$ filter.
2. Precision single or multi-channel pipettes and disposable tips.
3. Eppendorf Tubes for diluting samples.
4. Deionized or distilled water.
5. Absorbent paper for blotting the microtiter plate.
6. Container for Wash Solution.

Target Details

Target:	TTPA
Alternative Name:	Alpha Tocopherol Transfer Protein (TTPa) (TTPA Products)
Background:	Alternative name: AVED, TTP1, alphaTTP, Ataxia(Friedreich-Like)With Vitamin E Deficiency
Gene ID:	7274
UniProt:	P49638

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Assay Time:	1 - 4.5 h
Plate:	Pre-coated
Protocol:	<ol style="list-style-type: none">1. Prepare all reagents, samples and standards2. Add 100μL standard or sample to each well. Incubate 2 hours at 37°C3. Aspirate and add 100μL prepared Detection Reagent A. Incubate 1 hour at 37°C4. Aspirate and wash 3 times5. Add 100μL prepared Detection Reagent B. Incubate 1 hour at 37°C6. Aspirate and wash 5 times7. Add 90μL Substrate Solution. Incubate 15-25 minutes at 37°C8. Add 50μL Stop Solution. Read at 450nm immediately.
Restrictions:	For Research Use only

Handling

Storage: 4 °C

Expiry Date: 12 months