

Human Twinfilin 1 (TWF1) ELISA Kit | TWF1 elisa kit

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CATALOG #
AAA65919

REACTIVITY
Human

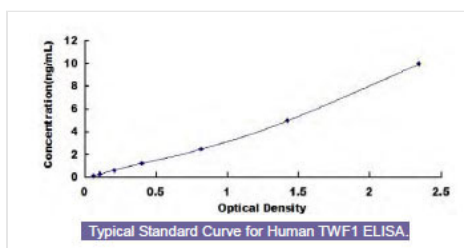
PRODUCT SYNONYMS

Twinfilin 1 (TWF1); Human Twinfilin 1 (TWF1) ELISA Kit; A6; PTK9; Actin-Binding Protein; Homolog 1; Protein Tyrosine Kinase 9; TWF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TWF1. No significant cross-reactivity or interference between TWF1 and analogues was observed.
Sequence Length	357
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TWF1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TWF1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TWF1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TWF1 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TWF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TWF1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TWF1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TWF1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334848198
NCBI GeneID	5756
NCBI Accession #	NP_001229326.1
NCBI GenBank Nucleotide #	NM_001242397.1
UniProt Accession #	Q12792; Q59G07; Q5U0B1; Q6FHJ1; Q6FHL6; Q6NUK9; Q86XL6; Q8TCD3; A8K5A8; B3KXS6; B4DLX9
Molecular Weight	28,823 Da
NCBI Official Full Name	twinfilin-1 isoform 1
NCBI Official Synonym Full Names	twinfilin actin binding protein 1
NCBI Official Symbol	TWF1
NCBI Official Synonym Symbols	A6; PTK9
NCBI Protein Information	twinfilin-1
UniProt Protein Name	Twinfilin-1
UniProt Gene Name	TWF1
UniProt Synonym Gene Names	PTK9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.