

Human Tristetraprolin ELISA Kit | ZFP36 elisa kit

Human Tristetraprolin ELISA Kit

CATALOG #
AAA102420

REACTIVITY
Human

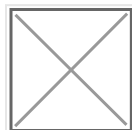
PRODUCT SYNONYMS

Tristetraprolin; Human Tristetraprolin ELISA Kit; ZFP36/TTP/G0/G1 switch regulatory protein 24/Growth factor-inducible nuclear protein NUP475/Protein TIS11A/TIS11/Zinc finger protein 36 homolog/Zfp-36/ZFP36/G0S24; ZFP36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WT1. No significant cross-reactivity or interference between WT1 and analogues was observed.
Sequence Length	332
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level WT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level WT1 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZFP36 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-WT1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-WT1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the WT1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of WT1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	393539038
NCBI GeneID	7538
NCBI Accession #	NP_003398.2
NCBI GenBank Nucleotide #	NM_003407.3
Molecular Weight	34,003 Da
NCBI Official Full Name	tristetraprolin
NCBI Official Synonym Full Names	ZFP36 ring finger protein
NCBI Official Symbol	ZFP36
NCBI Official Synonym Symbols	TTP; G0S24; GOS24; TIS11; NUP475; zfp-36; RNF162A
NCBI Protein Information	tristetraprolin
UniProt Protein Name	Tristetraprolin
UniProt Gene Name	ZFP36
UniProt Synonym Gene Names	G0S24; RNF162A; TIS11A; TTP; TTP; TIS11; Zfp-36
UniProt Entry Name	TTP_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/zfp36-human-elisa-kits/tristetraprolin/102420>