

Human Zinc Finger Protein 10 (ZNF10) ELISA Kit | ZNF10 elisa kit

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CATALOG #
AAA189786

REACTIVITY
Human

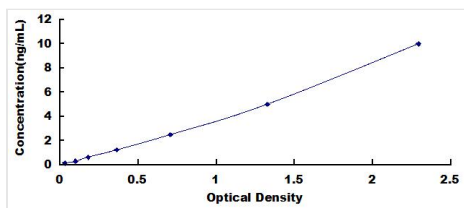
PRODUCT SYNONYMS

Zinc Finger Protein 10 (ZNF10); Human Zinc Finger Protein 10 (ZNF10) ELISA Kit; KOX1; ZNF10/Zinc Finger Protein 10; ZNF10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ZNF10. No significant cross-reactivity or interference between ZNF10 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ZNF10 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 ZNF10 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZNF10 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ZNF10. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ZNF10. 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 ZNF10, 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 ZNF10 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ZNF10 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for ZNF10 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21314662
NCBI GeneID	7556
NCBI Accession #	NP_056209.2
NCBI GenBank Nucleotide #	NM_015394.4
UniProt Accession #	P21506; Q8TC91; B2RBS1
Molecular Weight	66,455 Da
NCBI Official Full Name	zinc finger protein 10
NCBI Official Synonym Full Names	zinc finger protein 10
NCBI Official Symbol	ZNF10
NCBI Official Synonym Symbols	KOX1
NCBI Protein Information	zinc finger protein 10; zinc finger protein 10 (KOX 1); zinc finger protein KOX1
UniProt Protein Name	Zinc finger protein 10
UniProt Gene Name	ZNF10
UniProt Synonym Gene Names	KOX1
UniProt Entry Name	ZNF10_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.