

Human Zinc Finger Homeobox Protein 1B ELISA Kit | ZFHx1B elisa kit

Human Zinc Finger Homeobox Protein 1B (ZFHx1B) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189928

REACTIVITY
Human

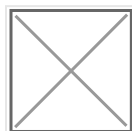
PRODUCT SYNONYMS

Zinc Finger Homeobox Protein 1B; Human Zinc Finger Homeobox Protein 1B (ZFHx1B) (Sandwich ELISA) ELISA Kit; ZEB2; SIP1; SIP-1; SMADIP1; Zinc Finger E-Box Binding Homeobox 2; SMAD Interacting Protein 1; ELISA Kit for Zinc Finger Homeobox Protein 1B (ZFHx1B); ZFHx1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ZFHx1B. No significant cross-reactivity or interference between ZFHx1B and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ZFHx1B 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 ZFHx1B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZFHx1B elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ZFHx1B. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ZFHx1B. 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 ZFHx1B, 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 ZFHx1B 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 ZFHx1B in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Product Categories/Family for ZFHx1B elisa kit

[Immune molecule](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	284413746
NCBI GeneID	9839
NCBI Accession #	NP_001165124.1
NCBI GenBank Nucleotide #	NM_001171653.1
UniProt Accession #	O60315; Q9UED1; A0JP09; B7Z2P2; F5H814
Molecular Weight	136,447 Da
NCBI Official Full Name	zinc finger E-box-binding homeobox 2 isoform 2
NCBI Official Synonym Full Names	zinc finger E-box binding homeobox 2
NCBI Official Symbol	ZEB2
NCBI Official Synonym Symbols	SIP1; SIP-1; ZFHX1B; HSPC082; SMADIP1
NCBI Protein Information	zinc finger E-box-binding homeobox 2; zinc finger homeobox 1b; SMAD interacting protein 1; Smad-interacting protein 1
UniProt Protein Name	Zinc finger E-box-binding homeobox 2
UniProt Gene Name	ZEB2
UniProt Synonym Gene Names	KIAA0569; SIP1; ZFHX1B; ZFX1B; SMADIP1
UniProt Entry Name	ZEB2_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/zfhx1b-human-elisa-kits/zinc-finger-homeobox-protein-1b/189928>