

Mouse Zinc Finger Homeobox Protein 1B (ZFHX1B) ELISA Kit | ZFHX1B elisa kit

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CATALOG #
AAA187600

REACTIVITY
Mouse

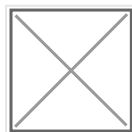
PRODUCT SYNONYMS

Zinc Finger Homeobox Protein 1B (ZFHX1B); Mouse Zinc Finger Homeobox Protein 1B (ZFHX1B) ELISA Kit; ZEB2; SIP1; SIP-1; SMADIP1; Zinc Finger E-Box Binding Homeobox 2; SMAD Interacting Protein 1; ZFHX1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Zinc Finger Homeobox Protein 1B (ZFHX1B). No significant cross-reactivity or interference between Zinc Finger Homeobox Protein 1B (ZFHX1B) and analogues was observed.
Sequence Length	1,190
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.051ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Zinc Finger Homeobox Protein 1B (ZFHX1B) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Zinc Finger Homeobox Protein 1B (ZFHX1B) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	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 ZFHx1B elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Zinc Finger Homeobox Protein 1B (ZFHX1B). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Zinc Finger Homeobox Protein 1B (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 Zinc Finger Homeobox Protein 1B (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 Zinc Finger Homeobox Protein 1B (ZFHX1B) 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 #	119631981
NCBI GeneID	9839
UniProt Accession #	O60315; Q9UED1; A0JP09; B7Z2P2; F5H814
Molecular Weight	133,806 Da
NCBI Official Full Name	zinc finger homeobox 1b, isoform CRA_b
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
UniProt Protein Name	Zinc finger E-box-binding homeobox 2
UniProt Gene Name	ZEB2
UniProt Synonym Gene Names	KIAA0569; SIP1; ZFHx1B; ZFX1B; SMADIP1

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/mouse-elisa-kits/zinc-finger-homeobox-protein-1b-zfhx1b/187600>