

Mouse Zinc finger protein 382 ELISA Kit | ZNF382 elisa kit

Mouse Zinc finger protein 382 (ZNF382) ELISA Kit

CATALOG #
AAA55559

REACTIVITY
Mouse

PRODUCT SYNONYMS

Zinc finger protein 382; Mouse Zinc finger protein 382 (ZNF382) ELISA Kit; ZNF382 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ZNF382. No significant cross-reactivity or interference between Mouse ZNF382 and analogues was observed.
Sequence Length	550
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ZNF382 elisa kit

ZNF382 contains N-terminal KRAB A and KRAB B domains, followed by a vestigial zinc finger, a nuclear localization signal, and 9 tandemly repeated Kruppel-type C2H2-zinc finger domains at its C terminus. ZNF382 shares 91% and 83% amino acid identity with rat Ks1 in the KRAB and zinc finger domains, respectively. Northern blot analysis detected a 2.9-kb transcript abundantly expressed in heart. Weaker expression was detected in skeletal muscle, but no expression was detected in 6 other tissues examined. Expression of ZNF382 was more widespread in human fetal tissues. Whole 34- and 40-day embryos showed high ZNF382 expression. At later developmental stages, ZNF382 was detected predominantly in cerebellum, kidney, and cerebrum, and to a lesser extent in lung, heart, skeletal muscle, tongue, and adrenal gland.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ZNF382 in samples. An antibody specific for ZNF382 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ZNF382 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ZNF382 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ZNF382 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124486594
NCBI GeneID	233060
NCBI Accession #	NP_001074476.1
NCBI GenBank Nucleotide #	NM_001081007.1
UniProt Accession #	B2RXC5; Q3UYY9
Molecular Weight	66,547 Da
NCBI Official Full Name	zinc finger protein 382
NCBI Official Synonym Full Names	zinc finger protein 382
NCBI Official Symbol	Zfp382
NCBI Official Synonym Symbols	Znf382; 5930415A09Rik
NCBI Protein Information	zinc finger protein 382
UniProt Protein Name	Zinc finger protein 382
UniProt Gene Name	Znf382
UniProt Synonym Gene Names	Zfp382; KS1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/znf382-mouse-elisa-kits/zinc-finger-protein-382/55559>