

Human Frizzled Related Protein (FRZB) ELISA Kit | FRZB elisa kit

Human Frizzled Related Protein (FRZB) ELISA Kit

CATALOG #
AAA68028

REACTIVITY
Human

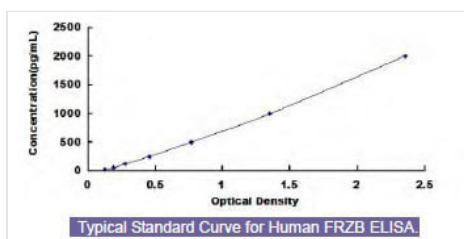
PRODUCT SYNONYMS

Frizzled Related Protein (FRZB); Human Frizzled Related Protein (FRZB) ELISA Kit; FRZB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FRZB. No significant cross-reactivity or interference between FRZB and analogues was observed.
Sequence Length	325
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	12.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FRZB 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 FRZB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FRZB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FRZB in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FRZB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FRZB. 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 FRZB, 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 FRZB in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	38455388
NCBI GeneID	2487
NCBI Accession #	NP_001454.2
NCBI GenBank Nucleotide #	NM_001463.3
UniProt Accession #	Q92765; O00181; Q99686
Molecular Weight	36,254 Da
NCBI Official Full Name	secreted frizzled-related protein 3
NCBI Official Synonym Full Names	frizzled-related protein
NCBI Official Symbol	FRZB
NCBI Official Synonym Symbols	FRE; OS1; FZRB; hFIZ; FRITZ; FRP-3; FRZB1; SFRP3; SRFP3; FRZB-1; FRZB-PEN
NCBI Protein Information	secreted frizzled-related protein 3
UniProt Protein Name	Secreted frizzled-related protein 3
UniProt Gene Name	FRZB
UniProt Synonym Gene Names	FIZ; FRE; FRP; FRZB1; SFRP3; sFRP-3

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.