

Human Secreted frizzled related protein 3 (FRZB) ELISA Kit | FRZB3 elisa kit

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CATALOG #
AAA246297

REACTIVITY
Human

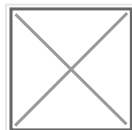
PRODUCT SYNONYMS

Secreted frizzled related protein 3 (FRZB); Human Secreted frizzled related protein 3 (FRZB) ELISA Kit; FRZB3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FRZB3 elisa kit

Intended Uses: This FRZB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FRZB. This ELISA kit for research use only!

Principle of the Assay: FRZB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FRZB antibody and an FRZB-HRP conjugate. The assay sample and buffer are incubated together with FRZB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FRZB concentration since FRZB from samples and FRZB-HRP conjugate compete for the anti-FRZB antibody binding site. Since the number of sites is limited, as more sites are occupied by FRZB from the sample, fewer sites are left to bind FRZB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FRZB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FRZB3 elisa kit

[Cell Biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI

[38455388](#)

NCBI GeneID	2487
NCBI Accession #	NP_001454.2
NCBI GenBank Nucleotide #	NM_001463.3
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; sFRP-3; frezzled; frizzled homolog-related; frizzled-related protein 1
UniProt Protein Name	Secreted frizzled-related protein 3
UniProt Gene Name	FRZB
UniProt Synonym Gene Names	FIZ; FRE; FRP; FRZB1; SFRP3; sFRP-3
UniProt Entry Name	SFRP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/frzb3-human-elisa-kits/secreted-frizzled-related-protein-3-frzb/246297>