

Human Frizzled-4 ELISA Kit | FZD4 elisa kit

Human Frizzled-4 ELISA Kit

CATALOG #
AAA101941

REACTIVITY
Human

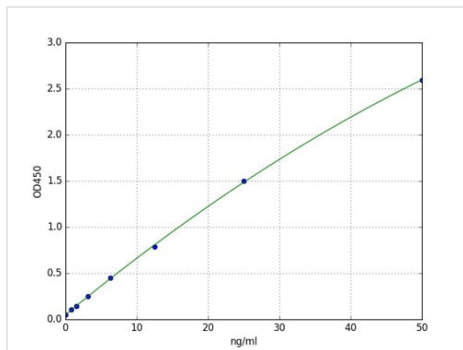
PRODUCT SYNONYMS

Frizzled-4; Human Frizzled-4 ELISA Kit; FZD4/FzE4/CD344/FZD4/CD344/CD344 antigen/EVR1/exudative vitreoretinopathy 1/FEVR/frizzled (Drosophila) homolog 4/frizzled homolog 4 (Drosophila)/frizzled-4/Fz-4/FZD4S/FzE4/GPCR/hFz4/MGC34390/WNT receptor frizzled-4; FZD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	537
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human FZD4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.055	0.091	0.129	0.197	0.402	0.670	1.364	3.338

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FZD4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology anti-Human FZD4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FZD4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human FZD4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FZD4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22547161
NCBI GeneID	8322
NCBI Accession #	NP_036325.2
NCBI GenBank Nucleotide #	NM_012193.3
Molecular Weight	59,881 Da
NCBI Official Full Name	frizzled-4
NCBI Official Synonym Full Names	frizzled class receptor 4
NCBI Official Symbol	FZD4
NCBI Official Synonym Symbols	Fz4; EVR1; FEVR; Fz-4; FzE4; GPCR; hFz4; CD344; FZD4S
NCBI Protein Information	frizzled-4
UniProt Protein Name	Frizzled-4
UniProt Gene Name	FZD4
UniProt Synonym Gene Names	Fz-4; hFz4
UniProt Entry Name	FZD4_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/fzd4-human-elisa-kits/frizzled-4/101941>