

Human TSPAN4 (Tetraspanin-4) ELISA Kit | TSPAN4 elisa kit

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CATALOG #
AAA251099

REACTIVITY
Human

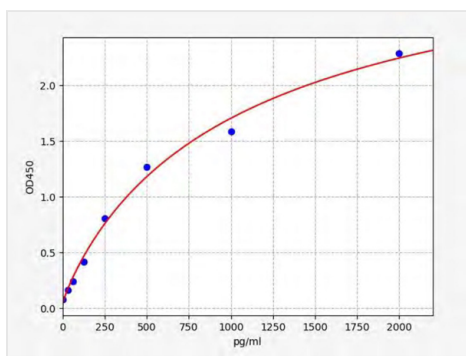
PRODUCT SYNONYMS

TSPAN4 (Tetraspanin-4); Human TSPAN4 (Tetraspanin-4) ELISA Kit; TSPAN4; Tetraspanin-4; Tspan-4; Novel antigen 2 (NAG-2); TSPAN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize TSPAN4, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.2-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for TSPAN4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti TSPAN4 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti TSPAN4 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with TSPAN4 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of TSPAN4 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68800032
NCBI GeneID	7106
NCBI Accession #	NP_001020410.1
NCBI GenBank Nucleotide #	NM_001025239.1
UniProt Accession #	O14817; Q6IAP6
Molecular Weight	26,118 Da
NCBI Official Full Name	tetraspanin-4 isoform b
NCBI Official Synonym Full Names	tetraspanin 4
NCBI Official Symbol	TSPAN4
NCBI Official Synonym Symbols	NAG2; NAG-2; TM4SF7; TSPAN-4; TETRASPAN
NCBI Protein Information	tetraspanin-4; novel antigen 2; tetraspan TM4SF; transmembrane 4 superfamily member 7
UniProt Protein Name	Tetraspanin-4
UniProt Gene Name	TSPAN4
UniProt Synonym Gene Names	NAG2; TM4SF7; Tspan-4; NAG-2
UniProt Entry Name	TSN4_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/human-elisa-kits/tspan4-tetraspanin-4/251099>