

Human TSPAN12 (Tetraspanin-12) ELISA Kit | TSPAN12 elisa kit

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CATALOG #
AAA249617

REACTIVITY
Human

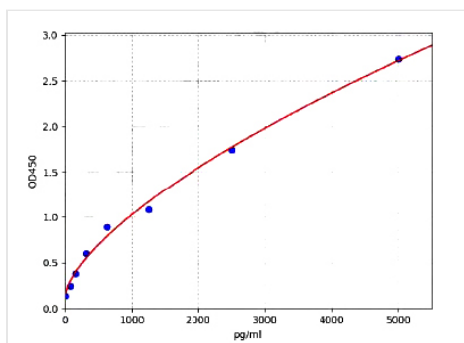
PRODUCT SYNONYMS

TSPAN12 (Tetraspanin-12); Human TSPAN12 (Tetraspanin-12) ELISA Kit; Tetraspanin-12; Tspan-12; Tetraspan NET-2; Transmembrane 4 superfamily member 12; TSPAN12; NET2; TM4SF12; UNQ774; PRO1568; TSPAN12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TSPAN12. No significant cross-reactivity or interference between TSPAN12 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 TSPAN12 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11135167
NCBI GeneID	23554
UniProt Accession #	O95859; Q549U9; Q8N5Y0; A4D0V8; B4DRG6
Molecular Weight	305
NCBI Official Full Name	Tetraspanin-12
NCBI Official Synonym Full Names	tetraspanin 12
NCBI Official Symbol	TSPAN12
NCBI Official Synonym Symbols	EVR5; NET2; NET-2; TM4SF12
NCBI Protein Information	tetraspanin-12; tspan-12; tetraspan NET-2; transmembrane 4 superfamily member 12
UniProt Protein Name	Tetraspanin-12
UniProt Gene Name	TSPAN12
UniProt Synonym Gene Names	NET2; TM4SF12; Tspan-12
UniProt Entry Name	TSN12_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://www.aaabiotech.com/human-elisa-kits/tspan12-tetraspanin-12/249617>