

Human Trypsinogen activation peptide ELISA Kit | TAP elisa kit

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CATALOG #
AAA87845

REACTIVITY
Human

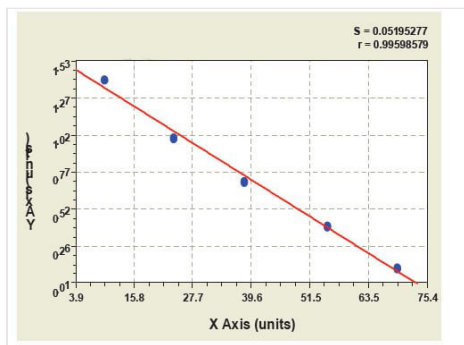
PRODUCT SYNONYMS

Trypsinogen activation peptide; Human Trypsinogen activation peptide ELISA Kit; TAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25nmol/L
Sensitivity	0.1nmol/L
Intended Uses	This TAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TAP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAP elisa kit

Principle of the Assay: TAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TAP antibody and an TAP-HRP conjugate. The assay sample and buffer are incubated together with TAP-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 TAP concentration since TAP from samples and TAP-HRP conjugate compete for the anti-TAP antibody binding site. Since the number of sites is limited, as more sites are occupied by TAP from the sample, fewer sites are left to bind TAP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1217589
NCBI GeneID	6891
Molecular Weight	72,003 Da
NCBI Official Full Name	TAP, partial
NCBI Official Synonym Full Names	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)
NCBI Official Symbol	TAP2
NCBI Official Synonym Symbols	APT2; PSF2; ABCB3; ABCB3; PSF-2; RING11; D6S217E
NCBI Protein Information	antigen peptide transporter 2; ABC transporter, MHC 2; peptide supply factor 2; peptide transporter PSF2; really interesting new gene 11 protein; transporter 2, ABC (ATP binding cassette); peptide transporter involved in antigen processing 2; ATP-binding cassette, sub-family B (MDR/TAP), member 3
UniProt Protein Name	Antigen peptide transporter 2
UniProt Gene Name	TAP2
UniProt Synonym Gene Names	ABCB3; PSF2; RING11; Y1; APT2; PSF-2
UniProt Entry Name	TAP2_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/tap-human-elisa-kits/trypsinogen-activation-peptide/87845>