

Rat Trypsinogen activation peptide ELISA Kit | TAP elisa kit

Rat Trypsinogen activation peptide ELISA Kit

CATALOG # AAA86056	REACTIVITY Rat
------------------------------	--------------------------

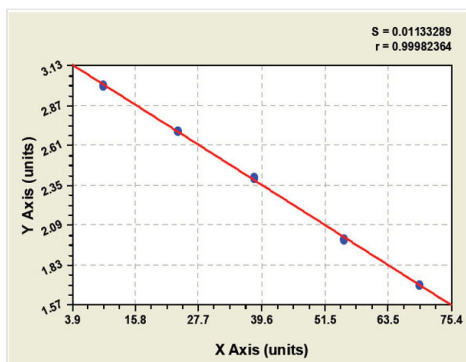
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This TAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TAP. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This TAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat 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; 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.