Human Target Of The Antiproliferative Antibody 1 (TAPA1) ELISA Kit | TAPA1 elisa kit

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CATALOG #	REACTIVITY
AAA139312	**Human**

PRODUCT SYNONYMS

Target Of The Antiproliferative Antibody 1 (TAPA1); Human Target Of The Antiproliferative Antibody 1 (TAPA1) ELISA Kit; CD81; S5.7; TAPA1; TSPAN28; Tetraspanin 28; Target Of Antiproliferative Antibody 1; 26 kDa cell surface protein TAPA-1; TAPA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Target Of The Antiproliferative Antibody 1 (TAPA1). No significant cross-reactivity or interference between Target Of The Antiproliferative Antibody 1 (TAPA1) and analogues was observed.
Sequence Length	22
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.113ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Target Of The Antiproliferative Antibody 1 (TAPA1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Target Of The Antiproliferative Antibody 1 (TAPA1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAPA1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Target Of The Antiproliferative Antibody 1 (TAPA1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Target Of The Antiproliferative Antibody 1 (TAPA1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Target Of The Antiproliferative Antibody 1 (TAPA1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Target Of The Antiproliferative Antibody 1 (TAPA1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for TAPA1 elisa kit	CD & Adhesion molecule; Tumor immunity; Autoimmunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	28316394
NCBI GeneID	374256
Molecular Weight	2,659 Da
NCBI Official Full Name	target of antiproliferative antibody 1, partial
NCBI Official Synonym Full Names	CD81 molecule
NCBI Official Symbol	CD81
NCBI Protein Information	CD81 antigen
UniProt Protein Name	Target of antiproliferative antibody 1
UniProt Gene Name	**TAPA1**
UniProt Entry Name	Q805A8_CHICK

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/target-of-the-antiproliferative-antibody-1-tapa1/139312