

Human Transporter associated with antigen processing ELISA Kit | TAP elisa kit

Human Transporter associated with antigen processing ELISA Kit

CATALOG #
AAA96128

REACTIVITY
Human

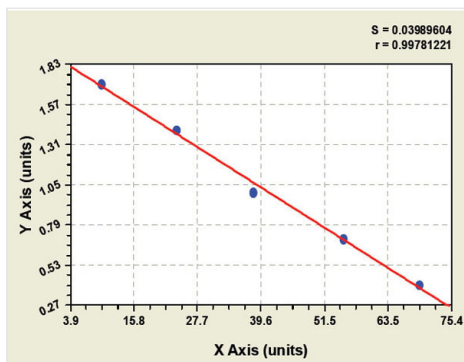
PRODUCT SYNONYMS

Transporter associated with antigen processing; Human Transporter associated with antigen processing 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	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAP elisa kit

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!

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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/tap-human-elisa-kits/transporter-associated-with-antigen-processing/96128>