

Mouse Costimulatory molecules B7H4 ELISA Kit | B7-H4 elisa kit

Mouse Costimulatory molecules B7H4 ELISA Kit

CATALOG # AAA88018	REACTIVITY Mouse
------------------------------	----------------------------

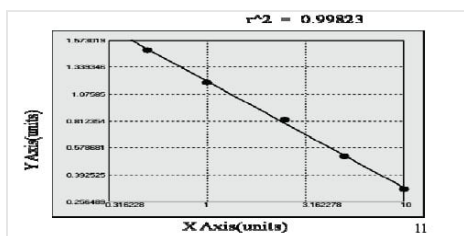
PRODUCT SYNONYMS

Costimulatory molecules B7H4; Mouse Costimulatory molecules B7H4 ELISA Kit; B7-H4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This B7-H4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse B7-H4. 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 B7-H4 elisa kit

Principle of the assay: B7-H4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-B7-H4 antibody and an B7-H4-HRP conjugate. The assay sample and buffer are incubated together with B7-H4-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 B7-H4 concentration since B7-H4 from samples and B7-H4-HRP conjugate compete for the anti-B7-H4 antibody binding site. Since the number of sites is limited, as more sites are occupied by B7-H4 from the sample, fewer sites are left to bind B7-H4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The B7-H4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	70997756
NCBI GeneID	79679

Molecular Weight	20,743 Da
NCBI Official Full Name	B7-H4
NCBI Official Synonym Full Names	V-set domain containing T cell activation inhibitor 1
NCBI Official Symbol	VTCN1
NCBI Official Synonym Symbols	B7X; B7H4; B7S1; B7-H4; B7h.5; VCTN1; PRO1291
NCBI Protein Information	V-set domain-containing T-cell activation inhibitor 1; B7 family member, H4; B7 superfamily member 1; T cell costimulatory molecule B7x; T-cell costimulatory molecule B7x; immune costimulatory protein B7-H4
UniProt Protein Name	V-set domain-containing T-cell activation inhibitor 1
UniProt Gene Name	VTCN1
UniProt Synonym Gene Names	B7H4; UNQ659/PRO1291
UniProt Entry Name	VTCN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/b7-h4-mouse-elisa-kits/costimulatory-molecules-b7h4/88018>