

Mouse H-2 class I histocompatibility antigen, TLA(B) alpha chain ELISA Kit | H2-T3 elisa kit

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CATALOG #
AAA56496

REACTIVITY
Mouse

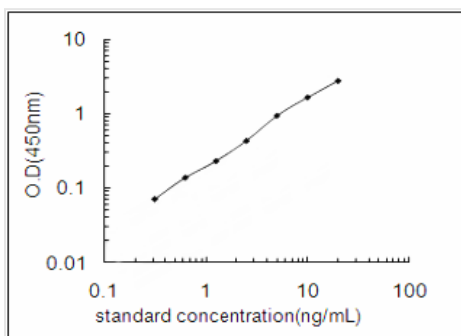
PRODUCT SYNONYMS

H-2 class I histocompatibility antigen; TLA(B) alpha chain; Mouse H-2 class I histocompatibility antigen; TLA(B) alpha chain ELISA Kit; H2-T3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse H-2 class I histocompatibility antigen, TLA(B) alpha chain. No significant cross-reactivity or interference was observed.
Sequence Length	384
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.176 ng/mL
Intra-Assay CV	<=8.6%
Inter-Assay CV	<=10.3%
Recovery	105%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H2-T3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to H-2 class I histocompatibility antigen, TLA(B) alpha chain. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for H-2 class I histocompatibility antigen, TLA(B) alpha chain and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain H-2 class I histocompatibility antigen, TLA(B) alpha chain, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of H-2 class I histocompatibility antigen, TLA(B) alpha chain in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2506857
NCBI GeneID	15043
UniProt Accession #	P14432; P14433; Q31194; Q31203
Molecular Weight	43,479 Da
NCBI Official Full Name	H-2 class I histocompatibility antigen, TLA(B) alpha chain
NCBI Official Synonym Full Names	histocompatibility 2, T region locus 3
NCBI Official Symbol	H2-T3
NCBI Official Synonym Symbols	TL; H-2T3; H2-Tw3; MumuTL
NCBI Protein Information	H-2 class I histocompatibility antigen, TLA(B) alpha chain
UniProt Protein Name	H-2 class I histocompatibility antigen, TLA(B) alpha chain
UniProt Gene Name	H2-T3
UniProt Entry Name	HA1T_MOUSE

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/h2-t3-mouse-elisa-kits/h-2-class-i-histocompatibility-antigen-tla-b-alpha-chain/56496>