

Mouse H-2 class I histocompatibility antigen, Q7 alpha chain ELISA Kit | H2-Q7 elisa kit

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CATALOG #
AAA56114

REACTIVITY
Mouse

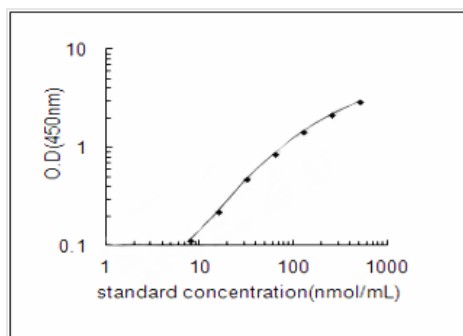
PRODUCT SYNONYMS

H-2 class I histocompatibility antigen; Q7 alpha chain; Mouse H-2 class I histocompatibility antigen; Q7 alpha chain ELISA Kit; H2-Q7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse HA17. No significant cross-reactivity or interference was observed.
Sequence Length	215
Assay Type	Sandwich
Detection Range	7.8-500 nmol/mL
Sensitivity	4.11 nmol/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.5%
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-Q7 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HA17. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HA17 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 HA17, 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 HA17 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	310616733
NCBI GeneID	15018
NCBI Accession #	NP_034524.3
NCBI GenBank Nucleotide #	NM_010394.4
UniProt Accession #	P14429
Molecular Weight	37,924 Da
NCBI Official Full Name	H-2 class I histocompatibility antigen, Q7 alpha chain isoform 1
NCBI Official Synonym Full Names	histocompatibility 2, Q region locus 7
NCBI Official Symbol	H2-Q7
NCBI Official Synonym Symbols	Q9; Ped; Qa7; Qa-2; Qa-7; H-2Q7
NCBI Protein Information	H-2 class I histocompatibility antigen, Q7 alpha chain
UniProt Protein Name	H-2 class I histocompatibility antigen, Q7 alpha chain
UniProt Gene Name	H2-Q7
UniProt Entry Name	HA17_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.

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Online datasheet: <https://stage.aaabiotech.com/h2-q7-mouse-elisa-kits/h-2-class-i-histocompatibility-antigen-q7-alpha-chain/56114>