

Human major histocompatibility complex-I (MHC I) ELISA Kit | MHC I elisa kit

Human major histocompatibility complex-I (MHC I) ELISA Kit

CATALOG #
AAA54109

REACTIVITY
Human

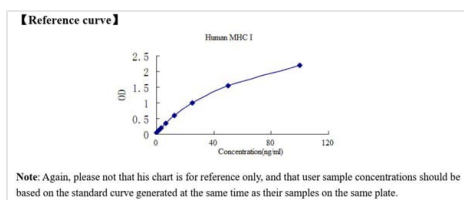
PRODUCT SYNONYMS

major histocompatibility complex-I (MHC I); Human major histocompatibility complex-I (MHC I) ELISA Kit; MHC I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	343
Assay Type	Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHC I elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human MHC I monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281306765
NCBI GeneID	25119

NCBI Accession #	NP_001094105.1
NCBI GenBank Nucleotide #	NM_001100635.1
Molecular Weight	39,571 Da
NCBI Official Full Name	major histocompatibility complex class I-related gene protein
NCBI Official Synonym Full Names	major histocompatibility complex, class I-related
NCBI Official Symbol	Mr1
NCBI Official Synonym Symbols	Hlals
NCBI Protein Information	major histocompatibility complex class I-related gene protein; MHC class I-like sequence; MHC class I-related gene protein; histocompatibility-2 complex class 1-like sequence
UniProt Protein Name	Major histocompatibility complex class I-related gene protein
UniProt Gene Name	Mr1
UniProt Synonym Gene Names	Hlals
UniProt Entry Name	HMR1_RAT

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/human-elisa-kits/major-histocompatibility-complex-i-mhc-i/54109>