

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

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CATALOG #
AAA53765

REACTIVITY
Human

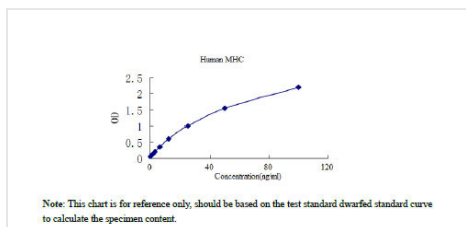
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	362
Samples	Human serum, plasma or cell culture supernatant and organizations in the natural and recombinant MHC concentration.
Assay Type	Sandwich
Detection Range	100 ng/ml-1.56 ng/ml
Sensitivity	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 elisa kit

Principle of the Assay||This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human MHC monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

1261808

NCBI GeneID	3106
Molecular Weight	40,460 Da
NCBI Official Full Name	major histocompatibility complex
NCBI Official Synonym Full Names	major histocompatibility complex, class I, B
NCBI Official Symbol	HLA-B
NCBI Official Synonym Symbols	AS; HLAB; SPDA1
NCBI Protein Information	major histocompatibility complex, class I, B; lymphocyte antigen; MHC class I antigen SHCHA; MHC Class I HLA heavy chain; MHC class I antigen GN00104; leukocyte antigen class I-B; MHC HLA-B cell surface glycoprotein; MHC HLA-B transmembrane glycoprotein; MHC class I antigen HLA-B heavy chain; HLA class I histocompatibility antigen, B alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, B-7 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB
UniProt Entry Name	1B07_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/major-histocompatibility-complex-mhc/53765>