

Human Major Histocompatibility Complex Class I B (MHCb) RTU ELISA Kit | MHCb rtu elisa kit

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CATALOG #
AAA217026

REACTIVITY
Human

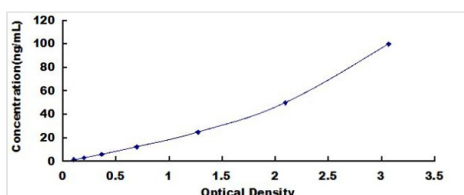
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I B (MHCb); Human Major Histocompatibility Complex Class I B (MHCb) ELISA Kit; MHC-B; HLA-B; HLAB; AS; SPDA1; Leukocyte Antigen B; Ankylosing Spondylitis; HLA class I histocompatibility antigen; B-7 alpha chain; MHCb rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	362
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.63ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHCb rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MHCb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MHCb. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MHCb, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MHCb in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34305677
NCBI GeneID	3106
UniProt Accession #	P03989; O19692; P10317; P10318; P19373; P30467; Q08136; Q29693; Q29846; Q29961; P01889; P10319; P18463; P18464; P18465; P30460; P30461; P30462; P30464
Molecular Weight	40,428 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, B-27 alpha chain
NCBI Official Synonym Full Names	major histocompatibility complex, class I, B
NCBI Official Symbol	HLA-B
NCBI Official Synonym Symbols	AS; HLAB; B-4901
NCBI Protein Information	major histocompatibility complex, class I, B
UniProt Protein Name	HLA class I histocompatibility antigen, B-27 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB

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-rtu-elisa-kits/major-histocompatibility-complex-class-i-b-mhcb/217026>