

Human Major Histocompatibility Complex Class II DR Beta 1 (MHCDRb1) RTU ELISA Kit | MHCDRb1 rtu elisa kit

Human Major Histocompatibility Complex Class II DR Beta 1 (MHCDRb1) ELISA Kit

CATALOG #
AAA217029

REACTIVITY
Human

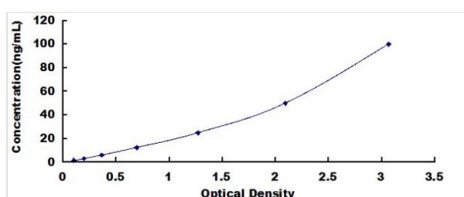
PRODUCT SYNONYMS

Major Histocompatibility Complex Class II DR Beta 1 (MHCDRb1); Human Major Histocompatibility Complex Class II DR Beta 1 (MHCDRb1) ELISA Kit; HLA-DRB1; HLA-DR1B; HLADRB1; HLA Class II Histocompatibility Antigen; DRB1-9 Beta Chain; HLA class II histocompatibility antigen; DRB1-15 beta chain; MHCDRb1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	266
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.72ng/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 MHCDRb1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MHCDRb1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MHCDRb1. 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 MHCDRb1, 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 MHCDRb1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	345461076
NCBI GeneID	3123
NCBI Accession #	NP_001230894.1
NCBI GenBank Nucleotide #	NM_001243965.1
UniProt Accession #	P01912; P01911; P04229; P20039; Q29974; Q30134; Q30167; Q5Y7A7; Q95IE3; Q9GIY3
Molecular Weight	30,120 Da
NCBI Official Full Name	major histocompatibility complex, class II, DR beta 1
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DR beta 1
NCBI Official Symbol	HLA-DRB1
NCBI Official Synonym Symbols	SS1; DRB1; HLA-DRB; HLA-DR1B
NCBI Protein Information	major histocompatibility complex, class II, DR beta 1
UniProt Protein Name	HLA class II histocompatibility antigen, DRB1-3 chain
UniProt Gene Name	HLA-DRB1

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-rtu-elisa-kits/major-histocompatibility-complex-class-ii-dr-beta-1-mhcdrb1/217029>