

Human Major Histocompatibility Complex Class II DQ Beta 1 (MHCDQb1) RTU ELISA Kit | MHCDQb1 rtu elisa kit

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CATALOG #
AAA217028

REACTIVITY
Human

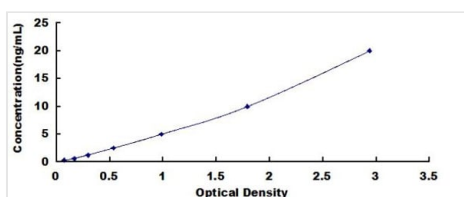
PRODUCT SYNONYMS

Major Histocompatibility Complex Class II DQ Beta 1 (MHCDQb1); Human Major Histocompatibility Complex Class II DQ Beta 1 (MHCDQb1) ELISA Kit; HLA-DQB1; HLADQB1; CELIAC1; HLA-DQB; IDDM1; HLA Class II Histocompatibility Antigen; DQ Beta 1 Chain; MHCDQb1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	261
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.116ng/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 MHCDQb1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MHCDQb1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MHCDQb1. 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 MHCDQb1, 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 MHCDQb1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	345461079
NCBI GeneID	3119
NCBI Accession #	NP_001230891.1
NCBI GenBank Nucleotide #	NM_001243962.1
UniProt Accession #	P01920; A1KR27; A2RPH3; A4Q9R4; A4USG2; A4USG5; A6N8I7; A9YQA0; B0S7Y7; B1A0K6; B1GXI3; B3VLT3
Molecular Weight	29,991 Da
NCBI Official Full Name	HLA class II histocompatibility antigen, DQ beta 1 chain isoform 1
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DQ beta 1
NCBI Official Symbol	HLA-DQB1
NCBI Official Synonym Symbols	IDDM1; CELIAC1; HLA-DQB
NCBI Protein Information	HLA class II histocompatibility antigen, DQ beta 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DQ beta 1 chain
UniProt Gene Name	HLA-DQB1
UniProt Synonym Gene Names	HLA-DQB

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-ii-dq-beta-1-mhcdqb1/217028>