

Human HLA Class 2 Histocompatibility Antigen, DQ Beta 1 Chain ELISA Kit | HLA-DQB1 elisa kit

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CATALOG #
AAA123014

REACTIVITY
Human

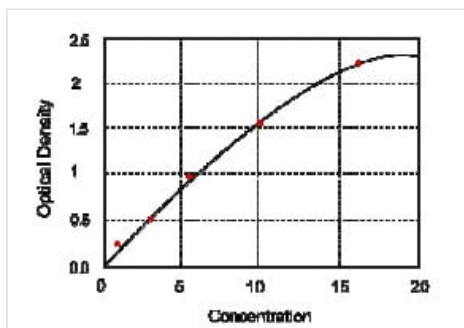
PRODUCT SYNONYMS

HLA Class 2 Histocompatibility Antigen; DQ Beta 1 Chain; Human HLA Class 2 Histocompatibility Antigen; DQ Beta 1 Chain ELISA Kit; HLA-DQB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	269
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.024ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-DQB1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human HLA class 2 histocompatibility antigen, DQ beta 1 chain (also known as HLA-DQB1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human HLA-DQB1 antibody. HLA-DQB1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human HLA-DQB1 Antibody is added and binds to HLA-DQB1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HLA-DQB1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human HLA-DQB1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	345461081
NCBI GeneID	3119
NCBI Accession #	NP_001230890.1
NCBI GenBank Nucleotide #	NM_001243961.1
NCBI Official Full Name	HLA class II histocompatibility antigen, DQ beta 1 chain isoform 2
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

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/hla-class-2-histocompatibility-antigen-dq-beta-1-chain/123014>