

Human HLA class II histocompatibility antigen, DR beta 5 chain ELISA Kit | HLA-DRB5 elisa kit

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CATALOG #
AAA190698

REACTIVITY
Human

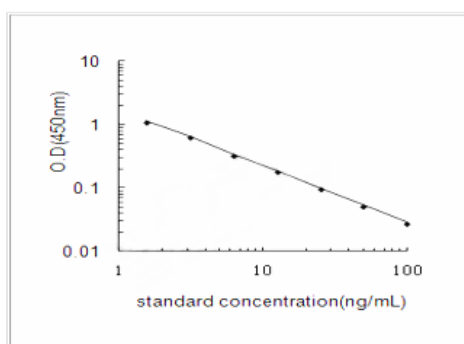
PRODUCT SYNONYMS

HLA class II histocompatibility antigen; DR beta 5 chain; Human HLA class II histocompatibility antigen; DR beta 5 chain ELISA Kit; DR beta-5; DR2-beta-2; Dw2; MHC class II antigen DRB5; HLA-DRB5; HLA-DRB5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human DRB5. No significant cross-reactivity or interference was observed.
Sequence Length	266
Assay Type	Competitive
Detection Range	1.56-100 ng/mL
Sensitivity	0.16ng/ml
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=9.4%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HLA-DRB5 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human hla class ii histocompatibility antigen, dr beta 5 chain,DRB5 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to DRB5. During the reaction, DRB5 in the sample or standard competes with a fixed amount of biotin-labeled DRB5 for sites on a pre-coated Monoclonal antibody specific to DRB5. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of DRB5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18641375
NCBI GeneID	3127
NCBI Accession #	NP_002116.2
NCBI GenBank Nucleotide #	NM_002125.3
UniProt Accession #	Q30154; O00157; O00283; O46700; Q29703; Q29787; Q29788; Q30126; Q30150; Q30199; B2RBV6; C7C4X3; Q9TQE0
Molecular Weight	30,056 Da
NCBI Official Full Name	major histocompatibility complex, class II, DR beta 5
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DR beta 5
NCBI Official Symbol	HLA-DRB5
NCBI Official Synonym Symbols	HLA-DRB
NCBI Protein Information	major histocompatibility complex, class II, DR beta 5
UniProt Protein Name	HLA class II histocompatibility antigen, DR beta 5 chain
UniProt Gene Name	HLA-DRB5
UniProt Entry Name	DRB5_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.