

Human HLA class II histocompatibility antigen, DRB1-15 beta chain ELISA Kit | HLA-DRB1-15 elisa kit

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CATALOG # AAA56239	REACTIVITY Human
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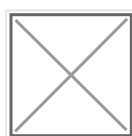
PRODUCT SYNONYMS

HLA class II histocompatibility antigen; DRB1-15 beta chain; Human HLA class II histocompatibility antigen; DRB1-15 beta chain ELISA Kit; HLA-DRB1-15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural Human HLA class II histocompatibility antigen, DRB1-15 beta chain. No significant cross-reactivity or interference was observed.
Sequence Length	266
Assay Type	Competitive
Detection Range	0.78-50 ng/mL
Sensitivity	0.34ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=9.6%
Recovery	105%
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-DRB1-15 elisa kit	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 HLA class II histocompatibility antigen, DRB1-15 beta chain. During the reaction, HLA class II histocompatibility antigen, DRB1-15 beta chain in the sample or standard competes with a fixed amount of biotin-labeled HLA class II histocompatibility antigen, DRB1-15 beta chain for sites on a pre-coated Monoclonal antibody specific to HLA class II histocompatibility antigen, DRB1-15 beta chain. 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 HLA class II histocompatibility antigen, DRB1-15 beta chain 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 #	155030211
NCBI GeneID	3123
NCBI Accession #	NP_002115.2
NCBI GenBank Nucleotide #	NM_002124.3
UniProt Accession #	P01911; Q29790; Q29975; Q30142; Q30166; Q32MY7; Q56FN9; Q5Y7B0; Q5Y7B9; P20039; Q5Y7A7; Q95IE3; Q9GIY3; Q29974; P01912; Q30134; P04229; Q30167
Molecular Weight	29,966 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; DRw10; HLA-DRB; HLA-DR1B
NCBI Protein Information	major histocompatibility complex, class II, DR beta 1
UniProt Protein Name	HLA class II histocompatibility antigen, DRB1-15 beta chain
UniProt Gene Name	HLA-DRB1
UniProt Synonym Gene Names	HLA-DRB2
UniProt Entry Name	2B1F_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.

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Online datasheet: <https://stage.aaabiotech.com/hla-drb1-15-human-elisa-kits/hla-class-ii-histocompatibility-antigen-drb1-15-beta-chain/56239>