

Human HLA class II histocompatibility antigen gamma chain ELISA Kit | CD74 elisa kit

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CATALOG #
AAA193656

REACTIVITY
Human

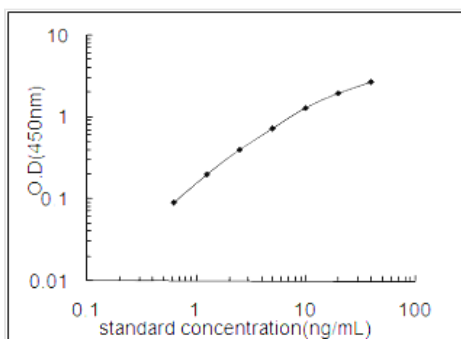
PRODUCT SYNONYMS

HLA class II histocompatibility antigen gamma chain; Human HLA class II histocompatibility antigen gamma chain ELISA Kit; HLA-DR antigens-associated invariant chain; Ia antigen-associated invariant chain; Ii; p33; CD74; DHLAG; CD74 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human DHLAG. No significant cross-reactivity or interference was observed.
Sequence Length	160
Assay Type	Sandwich
Detection Range	0.625-40 ng/mL
Sensitivity	0.156ng/ml
Intra-Assay CV	<=5.8%
Inter-Assay CV	<=9.3%
Recovery	94%
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 CD74 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human hla class ii histocompatibility antigen gamma chain,DHLAG concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to DHLAG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for DHLAG and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain DHLAG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 DHLAG 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 #	68448537
NCBI GeneID	972
NCBI Accession #	NP_001020329.1
NCBI GenBank Nucleotide #	NM_001025158.2
UniProt Accession #	P04233; Q14597; Q29832; Q5U0J8; Q8SNA0; Q8WLP6; A8K7R1; B4DNE8; D3DQG3; D3DQG4
Molecular Weight	18,328 Da
NCBI Official Full Name	HLA class II histocompatibility antigen gamma chain isoform c
NCBI Official Synonym Full Names	CD74 molecule
NCBI Official Symbol	CD74
NCBI Official Synonym Symbols	II; DHLAG; HLADG; Ia-GAMMA
NCBI Protein Information	HLA class II histocompatibility antigen gamma chain
UniProt Protein Name	HLA class II histocompatibility antigen gamma chain
UniProt Gene Name	CD74
UniProt Synonym Gene Names	DHLAG; li
UniProt Entry Name	HG2A_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.