

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

Human CD74 (HLA class II histocompatibility antigen gamma chain) ELISA kit

CATALOG #
AAA171415

REACTIVITY
Human

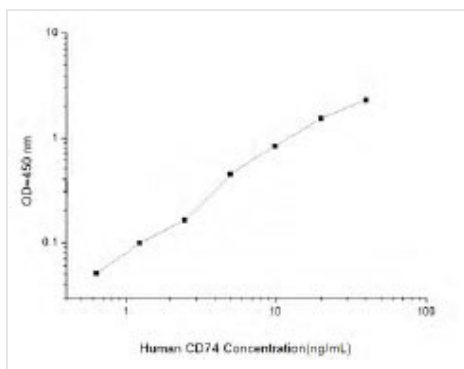
PRODUCT SYNONYMS

HLA class II histocompatibility antigen gamma chain; Human CD74 (HLA class II histocompatibility antigen gamma chain) ELISA kit; CD74 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human CD74. No significant crossreactivity or interference between Human CD74 and analogues was observed.
Sequence Length	296
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD74 elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human CD74 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been precoated with an antibody specific to Human CD74. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human CD74 and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human CD74, biotinylated detection antibody and Avidin- HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human CD74. The concentration of Human CD74 in samples can be calculated by comparing the OD of the samples with the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68448544
NCBI GeneID	972
NCBI Accession #	NP_001020330.1
NCBI GenBank Nucleotide #	NM_001025159.2
Molecular Weight	18,328 Da
NCBI Official Full Name	HLA class II histocompatibility antigen gamma chain isoform a
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cd74-human-elisa-kits/hla-class-ii-histocompatibility-antigen-gamma-chain/171415>