

Human HLA class I histocompatibility antigen, alpha chain E ELISA Kit | HLA-E elisa kit

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CATALOG #
AAA194232

REACTIVITY
Human

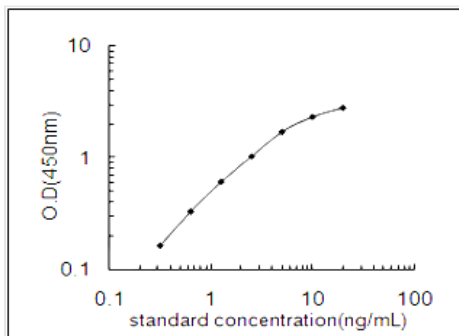
PRODUCT SYNONYMS

HLA class I histocompatibility antigen; alpha chain E; Human HLA class I histocompatibility antigen; alpha chain E ELISA Kit; MHC class I antigen E; HLA-E; HLA-6.2; HLAE; HLA-E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human HLA class I histocompatibility antigen, alpha chain E. No significant cross-reactivity or interference was observed.
Sequence Length	358
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.12ng/mL
Intra-Assay CV	<=5.9%
Inter-Assay CV	<=9.4%
Recovery	106%
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-E elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human HLA class I histocompatibility antigen, alpha chain E 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 HLA class I histocompatibility antigen, alpha chain E. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HLA class I histocompatibility antigen, alpha chain E 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 HLA class I histocompatibility antigen, alpha chain E, 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 HLA class I histocompatibility antigen, alpha chain E 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 #	62912479
NCBI GeneID	3133
NCBI Accession #	NP_005507.3
NCBI GenBank Nucleotide #	NM_005516.5
UniProt Accession #	P13747; Q30169; Q9BT83; Q9GIY7; Q9GIY8
Molecular Weight	40,157 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, alpha chain E
NCBI Official Synonym Full Names	major histocompatibility complex, class I, E
NCBI Official Symbol	HLA-E
NCBI Official Synonym Symbols	MHC; QA1; EA1.2; EA2.1; HLA-6.2
NCBI Protein Information	HLA class I histocompatibility antigen, alpha chain E
UniProt Protein Name	HLA class I histocompatibility antigen, alpha chain E
UniProt Gene Name	HLA-E
UniProt Synonym Gene Names	HLA-6.2; HLAE
UniProt Entry Name	HLAE_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.