

Human MHCE (Major Histocompatibility Complex Class I E) ELISA Kit | MHCE elisa kit

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CATALOG #
AAA278210

REACTIVITY
Human

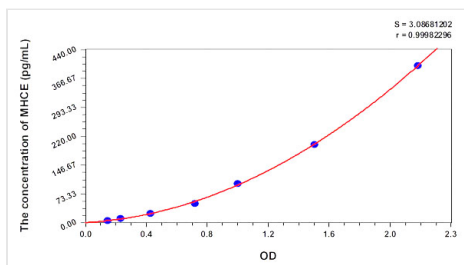
PRODUCT SYNONYMS

MHCE (Major Histocompatibility Complex Class I E); Human MHCE (Major Histocompatibility Complex Class I E) ELISA Kit; HLAE; EA1.2; EA2.1; HLA-6.2; MHC-E; HLA-E; Leukocyte Antigen E; MHC class I antigen E; HLA class I histocompatibility antigen; alpha chain E; MHCE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.057ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHCE elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MHCE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MHCE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human MHCE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human MHCE in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for MHCE elisa kit

Signal transduction; Tumor immunity; Infection immunity; Immune molecule; Developmental science

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; HLA class I histocompatibility antigen, E alpha chain; MHC HLA-E alpha-1; MHC HLA-E alpha-2.1; MHC class I antigen E; lymphocyte antigen
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mhce-major-histocompatibility-complex-class-i-e/278210>