

Human Major Histocompatibility Complex Class I C (MHCC) ELISA Kit | MHCC elisa kit

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CATALOG #
AAA65229

REACTIVITY
Human

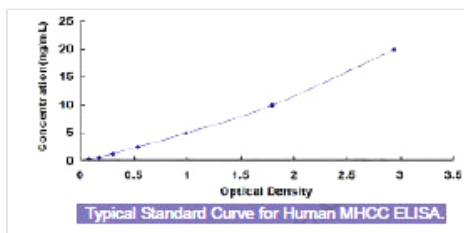
PRODUCT SYNONYMS

Major Histocompatibility Complex Class I C (MHCC); Human Major Histocompatibility Complex Class I C (MHCC) ELISA Kit; MHCC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MHCC. No significant cross-reactivity or interference between MHCC and analogues was observed.
Sequence Length	366
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.12ng/mL
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHCC elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MHCC in human tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MHCC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MHCC. 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 MHCC, 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 MHCC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52630342
NCBI GeneID	3107
NCBI Accession #	NP_002108.4
NCBI GenBank Nucleotide #	NM_002117.5
UniProt Accession #	P10321; O78061; O78083; Q29631; Q29652; Q29867; Q29990; Q95463; Q95603; Q9MY31; Q9TQP9; P30499; P30501; P30504; P30505; Q07000; Q29865; Q29960; Q95604; P04222; P30508
Molecular Weight	40,649 Da
NCBI Official Full Name	HLA class I histocompatibility antigen, Cw-1 alpha chain
NCBI Official Synonym Full Names	major histocompatibility complex, class I, C
NCBI Official Symbol	HLA-C
NCBI Official Synonym Symbols	MHC; HLAC; HLC-C; D6S204; PSORS1; HLA-JY3
NCBI Protein Information	HLA class I histocompatibility antigen, Cw-1 alpha chain
UniProt Protein Name	HLA class I histocompatibility antigen, Cw-7 alpha chain
UniProt Gene Name	HLA-C
UniProt Synonym Gene Names	HLAC

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/major-histocompatibility-complex-class-i-c-mhcc/65229>