

Human Hepatocyte Cell Adhesion Molecule (HepaCAM) ELISA Kit | HEPACAM elisa kit

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CATALOG #
AAA219766

REACTIVITY
Human

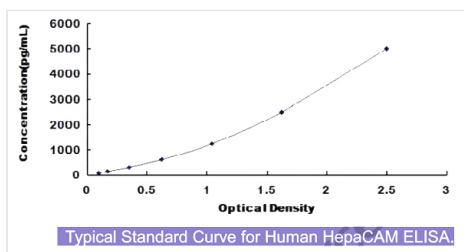
PRODUCT SYNONYMS

Hepatocyte Cell Adhesion Molecule (HepaCAM); Human Hepatocyte Cell Adhesion Molecule (HepaCAM) ELISA Kit; glialCAM; HEPACAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HepaCAM. No significant cross-reactivity or interference between HepaCAM and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	78.1-5000pg/mL
Sensitivity	< 29pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HepaCAM were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HepaCAM were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HEPACAM elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HepaCAM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HepaCAM. 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 HepaCAM, 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 HepaCAM in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HepaCAM in human tissue homogenates or other biological fluids.
Product Categories/Family for HEPACAM elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	121674801
NCBI GeneID	220296
NCBI Accession #	NP_689935.2
NCBI GenBank Nucleotide #	NM_152722.4
UniProt Accession #	Q14CZ8; Q67IP8; Q6ZWL4; Q8N7I3; Q8ND35
Molecular Weight	46,026 Da
NCBI Official Full Name	hepatocyte cell adhesion molecule
NCBI Official Synonym Full Names	hepatic and glial cell adhesion molecule
NCBI Official Symbol	HEPACAM
NCBI Official Synonym Symbols	MLC2A; MLC2B; FLJ25530; GlialCAM
NCBI Protein Information	hepatocyte cell adhesion molecule; protein hepaCAM; OTTHUMP00000231540; cancer susceptibility; glial cell adhesion molecule
UniProt Protein Name	Hepatocyte cell adhesion molecule
UniProt Gene Name	HEPACAM
UniProt Entry Name	HECAM_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.