

Human Epithelial Cell Adhesion Molecule ELISA Kit | Ep-CAM/CD326 elisa kit

Human Epithelial Cell Adhesion Molecule ELISA Kit

CATALOG #
AAA102383

REACTIVITY
Human

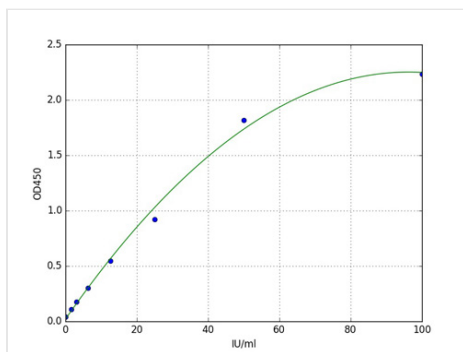
PRODUCT SYNONYMS

Epithelial Cell Adhesion Molecule; Human Epithelial Cell Adhesion Molecule ELISA Kit; Ep-CAM/CD326/17-1A/GA733-2/gp40/KS1/4/M4S1/TACSTD1/TROP1/17-1A/323/A3/ACSTD1/antigen identified by monoclonal AUA1/CD326 antigen/Cell surface glycoprotein Trop-1/chromosome 4; surface marker (35kD glycoprotein)/DIAR5/EGP/EGP-2/EGP314/EGP40/EpCAM/Epithelial cell surface antigen/Epithelial glycoprotein/Epithelial glycoprotein 314/ESA/GA733-2/EGP34/hEGP314/HNPCC8/KS 1/4 antigen/KS1/4/KSAHEA125/M1S2/M4S1Ly74/Major gastrointestinal tumor-associated protein GA733-2/MIC18MH99/MOC31/TACST-1/TACSTD1/TROP1CD326/Tumor-associated calcium signal transducer 1CO-17A; Ep-CAM/CD326 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	314
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100IU/ml
Sensitivity	0.938IU/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human Ep-CAM/CD326 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	U/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.021	0.052	0.111	0.261	0.481	0.832	1.445	1.925

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ep-CAM/CD326 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Ep-CAM/CD326 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Ep-CAM/CD326 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Ep-CAM/CD326 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Ep-CAM/CD326 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
Molecular Weight	34,932 Da
NCBI Official Full Name	epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
NCBI Protein Information	epithelial cell adhesion molecule
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314
UniProt Entry Name	EPCAM_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/ep-cam-cd326-human-elisa-kits/epithelial-cell-adhesion-molecule/102383>