

Mouse Carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1) ELISA Kit | CEACAM1 elisa kit

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CATALOG # AAA245119	REACTIVITY Mouse
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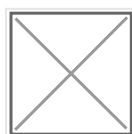
PRODUCT SYNONYMS

Carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1); Mouse Carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1) ELISA Kit; CEACAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEACAM1 elisa kit	Intended Uses: This CEA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CEA. This ELISA kit for research use only! Principle of the Assay: CEA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CEA. Standards or samples are then added to the microtiter plate wells and CEA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CEA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CEA are added to each well to "sandwich" the CEA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CEA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CEA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CEACAM1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	85719299
NCBI GeneID	26365
NCBI Accession #	NP_001034274.1
NCBI GenBank Nucleotide #	NM_001039185.1
Molecular Weight	37,271 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 1 isoform 1
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 1
NCBI Official Symbol	Ceacam1
NCBI Official Synonym Symbols	Bgp; Cc1; Hv2; Bgp1; Cea1; Cea7; Hv-2; MHVR; bb-1; C-CAM; CD66a; Cea-1; Cea-7; MHVR1; Mhv-1; mCEA1; mmCGM1; mmCGM2; mmCGM1a
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 1; BGP-1; MHV-R; biliary glycoprotein 1; biliary glycoprotein D; hepatitis virus receptor; carcinoembryonic antigen 1; carcinoembryonic antigen 7; murine hepatitis virus receptor; CEA-related cell adhesion molecule 1; hepatitis virus (MHV-4) susceptibility
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 1
UniProt Gene Name	Ceacam1
UniProt Synonym Gene Names	Bgp; Bgp1; Bgpd; BGP-1; MHV-R
UniProt Entry Name	CEAM1_MOUSE

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/mouse-elisa-kits/carcinoembryonic-antigen-related-cell-adhesion-molecule-1-ceacam1/245119>