

Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5, CEACAM5 ELISA Kit | CEACAM5 elisa kit

Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5, CEACAM5 Primacu ELISA Kit

CATALOG # AAA124145	REACTIVITY Human
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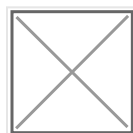
PRODUCT SYNONYMS

Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5; CEACAM5; Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5; CEACAM5 Primacu ELISA Kit; Carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CEACAM5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	78.13-5000pg/mL
Sensitivity	24.26pg/mL
Standard Solution	50ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for CEACAM5 elisa kit	CEACAM5, also known as CEA or D66e, belongs to the large CEACAM subfamily of the immunoglobulin superfamily. CEACAM5 is expressed primarily by epithelial cells, and is synthesized as a glycoprotein with an MW of 180 kDa comprising 60% carbohydrate. CEACAM5 contains one Ig-like V-type domain at the N-terminus, followed by six Ig-like C2-type domains and a GPI anchor, and exists as a homodimer. CEACAM5 and CEACAM6 are overexpressed in many cancers and are associated with adhesion and invasion. CEACAM5 can mediate cell-cell adhesion through homotypic and heterotypic interactions. It functions as a homotypic intercellular adhesion molecule and serves as a widely used tumor marker, since it is expressed at higher levels in tumorous tissues than in corresponding normal tissues. CEACAM5 has also been shown to contribute to tumorigenicity by inhibiting cellular differentiation. In addition, CEACAM5 is identified as the host receptor for the Dr family of adhesins of E coli, and the binding of E coli Dr adhesins leads to dissociation of the CEACAM5 homodimer. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy
Product Categories/Family for CEACAM5 elisa kit	Primacu ELISA Kit; Cancer; Immunology; Stem cells; Tags & cell markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373456
NCBI GeneID	1048
UniProt Accession #	P06731; H9KVA7
Molecular Weight	76,795 Da
NCBI Official Full Name	Carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Symbol	CEACAM5
NCBI Official Synonym Symbols	CEA; CD66e
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 5; meconium antigen 100
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5
UniProt Gene Name	CEACAM5
UniProt Synonym Gene Names	CEA; CEA
UniProt Entry Name	CEAM5_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/carcinoembryonic-antigen-related-cell-adhesion-molecule-5-ceacam5/124145>