

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

Human CEACAM1 PicoKine ELISA Kit

CATALOG #
AAA46102

REACTIVITY
Human. There is no detectable cross-reactivity with other relevant proteins.

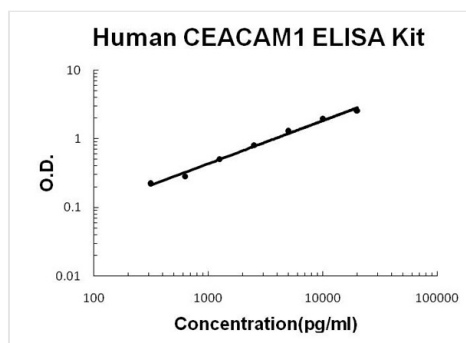
PRODUCT SYNONYMS

Carcinoembryonic antigen-related cell adhesion molecule 1; Human CEACAM1 PicoKine ELISA Kit; Antigen CD66; BGP 1; BGP; BGP I; BGP-1; BGP1; BGPI; Biliary glycoprotein 1; Biliary glycoprotein adhesion molecule; Biliary glycoprotein; Carcinoembryonic antigen related cell adhesion molecule 1; carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein); CD66 antigen; CD66a; CD66a antigen; CEACAM 1; CEACAM1; CEAM1_HUMAN; meconium antigen 100; CEACAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human. There is no detectable cross-reactivity with other relevant proteins.
Sequence Length	464
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Sensitivity	<10pg/ml
Immunogen	NSO, Q35-G428
Intra-Assay Precision	Sample 1: n=16; Mean(ng/ml): 5.14; Standard deviation: 0.185; CV(%): 3.6 Sample 2: n=16; Mean(ng/ml): 7.35; Standard deviation: 0.397; CV(%): 5.4 Sample 3: n=16; Mean(ng/ml): 12.1; Standard deviation: 0.593; CV(%): 4.9
Inter-Assay Precision	Sample 1: n=24; Mean(ng/ml): 5.36; Standard deviation: 0.295; CV(%): 5.5 Sample 2: n=24; Mean(ng/ml): 8.04; Standard deviation: 0.571; CV(%): 7.1 Sample 3: n=24; Mean(ng/ml): 13.5; Standard deviation: 0.837; CV(%): 6.2
Assay Range	312pg/ml-20,000pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human CEACAM1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CEACAM1 elisa kit	Description: Sandwich ELISA kit of Quantitative Detection for Human CEACAM1 Background: CEACAM1, also known as CD66a (Cluster of Differentiation 66a), is a human glycoprotein encoded by a gene. This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. CEACAM1 is mapped to 19q13.2 in human. The encoded protein was originally described in bile ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. The encoded protein mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. Multiple cellular activities have been attributed to the encoded protein, including roles in the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68161541
NCBI GeneID	634
NCBI Accession #	NP_001020083.1
NCBI GenBank Nucleotide #	NM_001024912.2
UniProt Accession #	P13688; O60430; Q06917; Q13854; Q13857; Q13858; Q13859; Q13860; Q15600; Q15601; A6NE38; A8MY49
Molecular Weight	39,871 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 1 isoform 2
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
NCBI Official Symbol	CEACAM1
NCBI Official Synonym Symbols	BGP; BGP1; BGPI
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 1; antigen CD66; CD66a antigen
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 1
UniProt Gene Name	CEACAM1
UniProt Synonym Gene Names	BGP; BGP1; BGP-1
UniProt Entry Name	CEAM1_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/ceacam1-human-elisa-kits/carcinoembryonic-antigen-related-cell-adhesion-molecule-1/46102>