

FastELISA™ CEACAM1 (Human) ELISA Kit

Catalog # KA7038

Size 1 Kit

Specification

Product Description	FastELISA™ CEACAM1 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of Human CEACAM1 (Carcinoembryonic antigen cell adhesion molecule 1) in Serum, plasma.
Suitable Sample	Serum, Plasma, etc.
Sample Volume	50 μ L
Detection Method	Colometric
Assay Type	Quantitative
Calibration Range	1.57-100 ng/mL
Limit of Detection	89.5 pg/mL
Specificity	This assay is highly specific for detection of Human CEACAM1. No significant cross-reactivity or interference between Human CEACAM1 and analogues was observed.
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 2-8°C for 6 months. For long term storage store at -20°C. Avoid repeated freezing and thawing.

Applications

- Quantification

Gene Info — CEACAM1

Entrez GeneID [634](#)

Gene Name CEACAM1

Gene Alias	BGP, BGP1, BGPI
Gene Description	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
Omim ID	109770
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily. Two subgroups of the CEA family, the CEA cell adhesion molecules and the pregnancy-specific glycoproteins, are located within a 1.2 Mb cluster on the long arm of chromosome 19. Eleven pseudogenes of the CEA cell adhesion molecule subgroup are also found in the cluster. 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. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature of only two has been determined. [provided by RefSeq]</p>
Other Designations	CD66a antigen antigen CD66 biliary glycoprotein adhesion molecule carcinoembryonic antigen-related cell adhesion molecule 1

Disease

- [Body Weight](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Meningococcal Infections](#)
- [Metabolic Syndrome X](#)
- [Osteoporosis](#)