

# Human carcinoembryonic antigen-related cell adhesion molecule 8 ELISA Kit | CEACAM8 elisa kit

Human Carcinoembryonic antigen-related cell adhesion molecule 8, CEACAM8 ELISA Kit

CATALOG #  
**AAA112892**

REACTIVITY  
**Human**

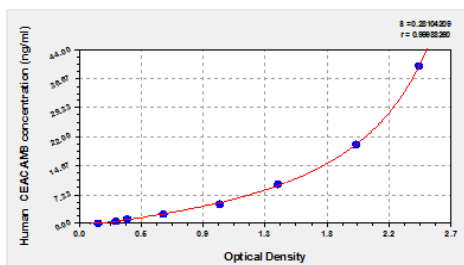
## PRODUCT SYNONYMS

carcinoembryonic antigen-related cell adhesion molecule 8; Human Carcinoembryonic antigen-related cell adhesion molecule 8; CEACAM8 ELISA Kit; Human Carcinoembryonic antigen-related cell adhesion molecule 8 (CEACAM8) ELISA kit; CD66b; CD67; CGM6; NCA-95; carcinoembryonic antigen gene family member 6; CEACAM8 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human CEACAM8. No significant cross-reactivity or interference between human CEACAM8 and analogues was observed. |
| Sequence Length         | 349                                                                                                                                                                                         |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates                                                                                                                                             |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                       |
| Detection Range         | 0.625 ng/ml-40 ng/ml                                                                                                                                                                        |
| Sensitivity             | < 0.156 ng/ml                                                                                                                                                                               |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                            |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                                     |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                           |

## IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for CEACAM8 elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CEACAM8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CEACAM8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CEACAM8 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CEACAM8 bound in the initial step. The color development is stopped and the intensity of the color is measured. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21314600                                                                                                                                                                                          |
| NCBI GeneID                      | 1088                                                                                                                                                                                              |
| NCBI Accession #                 | NP_001807.2                                                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_001816.3                                                                                                                                                                                       |
| UniProt Accession #              | P31997; O60399; Q16574                                                                                                                                                                            |
| Molecular Weight                 | 38,154 Da                                                                                                                                                                                         |
| NCBI Official Full Name          | carcinoembryonic antigen-related cell adhesion molecule 8                                                                                                                                         |
| NCBI Official Synonym Full Names | carcinoembryonic antigen-related cell adhesion molecule 8                                                                                                                                         |
| NCBI Official Symbol             | CEACAM8                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | CD67; CGM6; CD66b; NCA-95                                                                                                                                                                         |
| NCBI Protein Information         | carcinoembryonic antigen-related cell adhesion molecule 8; CD67 antigen; carcinoembryonic antigen CGM6; non-specific cross-reacting antigen NCA-95; carcinoembryonic antigen gene family member 6 |
| UniProt Protein Name             | Carcinoembryonic antigen-related cell adhesion molecule 8                                                                                                                                         |
| UniProt Gene Name                | CEACAM8                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | CGM6                                                                                                                                                                                              |
| UniProt Entry Name               | CEAM8_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/ceacam8-human-elisa-kits/carcinoembryonic-antigen-related-cell-adhesion-molecule-8/112892>