

Human CEA (Carcinoembryonic Antigen) ELISA Kit | CEA elisa kit

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CATALOG #
AAA278064

REACTIVITY
Human

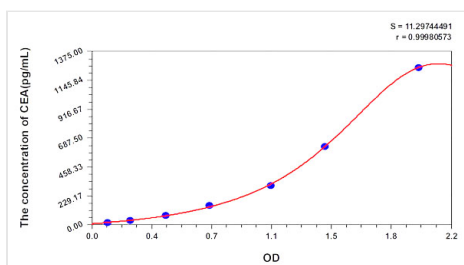
PRODUCT SYNONYMS

CEA (Carcinoembryonic Antigen); Human CEA (Carcinoembryonic Antigen) ELISA Kit; CD66E; CD66; CEACAM5; Carcinoembryonic Antigen-related Cell Adhesion Molecule 5; Carcinoembryonic Antigen; CEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.051ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEA elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CEA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CEA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human CEA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human CEA in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CEA elisa kit

[Tumor immunity](#); [Gastroenterology](#)

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/cea-carcinoembryonic-antigen/278064>