

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

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CATALOG # AAA332605	REACTIVITY Human	APPLICATIONS ELISA
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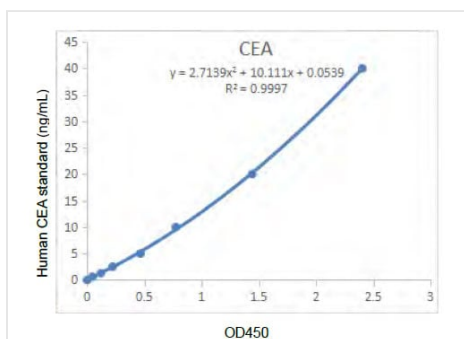
PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA); Human Carcinoembryonic Antigen (CEA) ELISA Kit; Carcinoembryonic antigen ELISA Kit; Carcinoembryonic antigen-related cell adhesion molecule 5 ELISA Kit; CD66e ELISA Kit; CEA ELISA Kit; Ceacam5 ELISA Kit; CEAM5_HUMAN ELISA Kit; DKFZp781M2392 ELISA Kit; Meconium antigen 100 ELISA Kit; OTTHUMP00000199032 ELISA Kit; OTTHUMP00000199033 ELISA Kit; OTTHUMP00000199034 ELISA Kit; CEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Carcino-embryonic antigen (CEA) ELISA Kit has high sensitivity and excellent specificity for detection of Human Carcino-embryonic antigen (CEA). No significant cross-reactivity or interference between Human Carcino-embryonic antigen (CEA) and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	0.625 ng/mL-40 ng/mL
Sensitivity	0.313 ng/mL
Applicable Applications for CEA elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	Store at 4 degree C for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEA elisa kit	Principle of the Assay: Carcino-embryonic antigen (CEA) is a glycoprotein produced by colorectal cancer tissue. It is widely distributed in endoembryo-derived cancer of the digestive system, in the digestive canal tissues of normal embryos, and in a small amount in normal human serum. Carcinoembryonic antigen (CEA) is a broad-spectrum tumor marker, which can reflect the existence of a variety of tumors. It is a good tumor marker for the judgment of efficacy, disease development, monitoring and prognosis of colorectal cancer, breast cancer and lung cancer, but its specificity and sensitivity are not high, and its role in early identification of tumors is not obvious. Human Carcino-embryonic antigen (CEA) ELISA Kit employs a double antibody sandwich method to quantitate Human CEA in samples. An antibody specific for Human CEA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human CEA present is bound by the immobilized antibody. After removing any unbound substances, a HRP-conjugated antibody specific for Human CEA is added to the wells. After washing, remove any unbound HRP-conjugated antibody reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The Human carcino-embryonic antigen (CEA) concentration is proportional to the OD450 nm value.
Product Categories/Family for CEA elisa kit	ELISA Assay Kit; Protein

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-cea/332605>