

Chicken Carcinoembryonic Antigen ELISA Kit | CEA elisa kit

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CATALOG #
AAA90948

REACTIVITY
Chicken

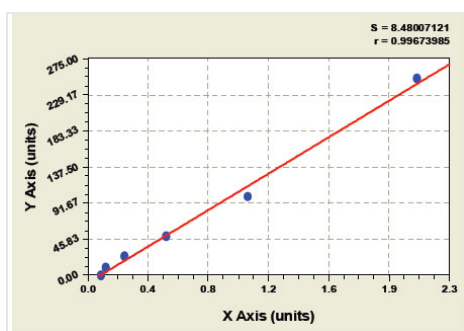
PRODUCT SYNONYMS

Carcinoembryonic Antigen; Chicken Carcinoembryonic Antigen ELISA Kit; CEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 ng/mL.
Intended Uses	This CEA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CEA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEA elisa kit

Principle of the Assay: CEA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CEA. Standards or samples are then added to the microtiter plate wells and CEA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CEA present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CEA are added to each well to "sandwich" the CEA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CEA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CEA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CEA elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	180211
Molecular Weight	76,724 Da
NCBI Official Full Name	carcinoembryonic antigen
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/cea-chicken-elisa-kits/carcinoembryonic-antigen/90948>