

Human CEA (Carcinoembryonic Antigen) CLIA Kit | CEA/CD66 clia kit

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CATALOG #
AAA171331

REACTIVITY
Human

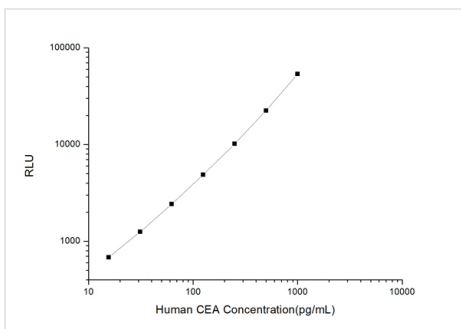
PRODUCT SYNONYMS

CEA (Carcinoembryonic Antigen); Human CEA (Carcinoembryonic Antigen) CLIA Kit; CEA/CD66 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant CEA/CD66. No significant cross-reactivity or interference between CEA/CD66 and analogues was observed.
Sequence Length	698
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEA/CD66 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of CEA/CD66 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to CEA/CD66. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CEA/CD66 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CEA/CD66, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of CEA/CD66. You can calculate the concentration of CEA/CD66 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	180199
Molecular Weight	76,724 Da
NCBI Official Full Name	carcinoembryonic antigen, partial
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-cd66-human-clia-kits/cea-carcinoembryonic-antigen/171331>