

Human Cell death activator CIDE A (CIDEA) ELISA Kit | CIDEA elisa kit

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CATALOG #
AAA246422

REACTIVITY
Human

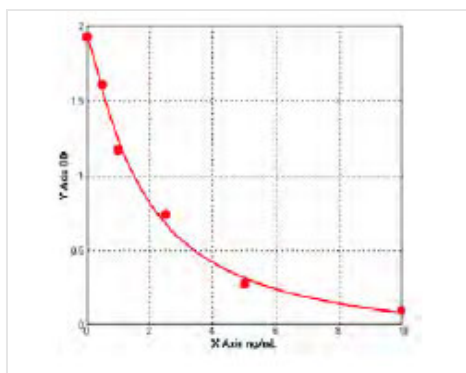
PRODUCT SYNONYMS

Cell death activator CIDE A (CIDEA); Human Cell death activator CIDE A (CIDEA) ELISA Kit; CIDEA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CIDEA elisa kit

Intended Uses: This CIDEA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CIDEA. This ELISA kit for research use only!

Principle of the Assay: CIDEA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CIDEA antibody and an CIDEA-HRP conjugate. The assay sample and buffer are incubated together with CIDEA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CIDEA concentration since CIDEA from samples and CIDEA-HRP conjugate compete for the anti-CIDEA antibody binding site. Since the number of sites is limited, as more sites are occupied by CIDEA from the sample, fewer sites are left to bind CIDEA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CIDEA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557465
NCBI GeneID	1149
NCBI Accession #	NP_001270.1
NCBI GenBank Nucleotide #	NM_001279.3
Molecular Weight	24,687 Da
NCBI Official Full Name	cell death activator CIDE-A isoform 1
NCBI Official Synonym Full Names	cell death-inducing DFFA-like effector a
NCBI Official Symbol	CIDEA
NCBI Official Synonym Symbols	CIDE-A
NCBI Protein Information	cell death activator CIDE-A
UniProt Protein Name	Cell death activator CIDE-A
UniProt Gene Name	CIDEA
UniProt Entry Name	CIDEA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cell-death-activator-cide-a-cidea/246422>