

Human IDE (Insulin Degrading Enzyme) CLIA Kit | IDE clia kit

Human IDE (Insulin Degrading Enzyme) CLIA Kit

CATALOG #
AAA171065

REACTIVITY
Human

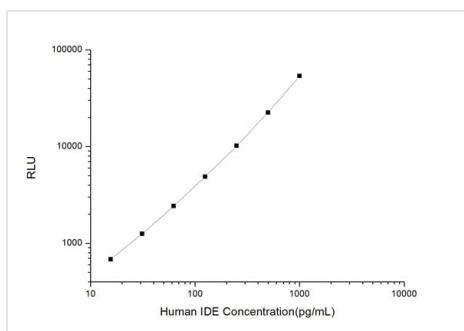
PRODUCT SYNONYMS

IDE (Insulin Degrading Enzyme); Human IDE (Insulin Degrading Enzyme) CLIA Kit; Insulysin; Insulin protease; IDE clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant IDE. No significant cross-reactivity or interference between IDE and analogues was observed.
Sequence Length	1019
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IDE clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of IDE 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 IDE. 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 IDE 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 IDE, 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 IDE. You can calculate the concentration of IDE in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	184556
NCBI GeneID	3416
Molecular Weight	54,240 Da
NCBI Official Full Name	insulin-degrading enzyme
NCBI Official Synonym Full Names	insulin-degrading enzyme
NCBI Official Symbol	IDE
NCBI Official Synonym Symbols	INSULYSIN
NCBI Protein Information	insulin-degrading enzyme
UniProt Protein Name	Insulin-degrading enzyme
UniProt Gene Name	IDE
UniProt Synonym Gene Names	Insulinase
UniProt Entry Name	IDE_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-clia-kits/ide-insulin-degrading-enzyme/171065>