

Rat IDE ELISA Kit | IDE elisa kit

Rat IDE (Insulin Degrading Enzyme) ELISA Kit

CATALOG #
AAA166011

REACTIVITY
Rat

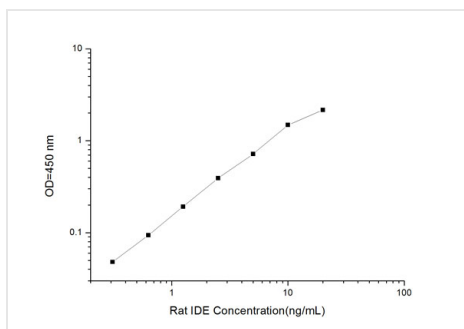
PRODUCT SYNONYMS

IDE; Rat IDE (Insulin Degrading Enzyme) ELISA Kit; IDE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinantRatIDE. No significant cross-reactivity or interference between RatIDE and analogues was observed.
Sequence Length	464
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IDE elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatIDEconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to IDE. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IDEand 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 blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of IDE. You can calculate the concentration of IDEin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260099676
NCBI GeneID	3416
NCBI Accession #	NP_001159418.1
NCBI GenBank Nucleotide #	NM_001165946.1
Molecular Weight	54,240 Da
NCBI Official Full Name	insulin-degrading enzyme isoform 2
NCBI Official Synonym Full Names	insulin-degrading enzyme
NCBI Official Symbol	IDE
NCBI Official Synonym Symbols	INSULYSIN
NCBI Protein Information	insulin-degrading enzyme; Abeta-degrading protease; insulin protease; insulinase
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.