

Chicken Insulin-degrading enzyme ELISA Kit | IDE elisa kit

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CATALOG #
AAA90531

REACTIVITY
Chicken

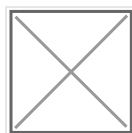
PRODUCT SYNONYMS

Insulin-degrading enzyme; Chicken Insulin-degrading enzyme ELISA Kit; IDE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL
Intended Uses	This IDE ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken IDE. 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 IDE elisa kit	<p>Principle of the Assay: IDE ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IDE antibody and an IDE-HRP conjugate. The assay sample and buffer are incubated together with IDE-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 IDE concentration since IDE from samples and IDE-HRP conjugate compete for the anti-IDE antibody binding site. Since the number of sites is limited, as more sites are occupied by IDE from the sample, fewer sites are left to bind IDE-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IDE concentration in each sample is interpolated from this standard curve</p>
Product Categories/Family for IDE elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	350535204
NCBI GeneID	543773
NCBI Accession #	NP_001233926.1

NCBI GenBank Nucleotide #	NM_001246997.1
NCBI Official Full Name	insulin degrading enzyme
NCBI Official Symbol	ide
NCBI Protein Information	insulin degrading enzyme

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/ide-chicken-elisa-kits/insulin-degrading-enzyme/90531>