

Rat Calumenin ELISA Kit | CALU elisa kit

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CATALOG #
AAA100491

REACTIVITY
Rat

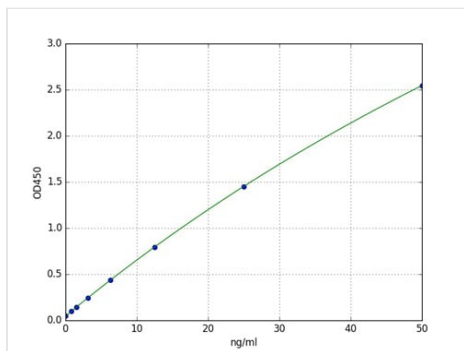
PRODUCT SYNONYMS

Calumenin; Rat Calumenin ELISA Kit; CALU/crocalbin-like protein/multiple EF-hand protein/Crocalbin/IEF SSP 9302; CALU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	315
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat CALU ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.060	0.113	0.156	0.232	0.394	0.934	1.328	2.482

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALU elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CALU antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CALU antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat CALU amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CALU can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

2809324

NCBI GeneID	813
Molecular Weight	19,455 Da
NCBI Official Full Name	calumenin
NCBI Official Synonym Full Names	calumenin
NCBI Official Symbol	CALU
NCBI Protein Information	calumenin
UniProt Protein Name	Calumenin
UniProt Gene Name	CALU
UniProt Entry Name	CALU_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/calu-rat-elisa-kits/calumenin/100491>