

Rat Granulin (GRN) CLIA Kit | GRN clia kit

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CATALOG #
AAA130571

REACTIVITY
Rat

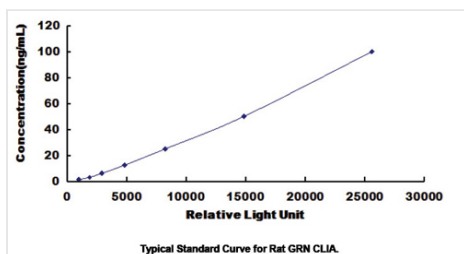
PRODUCT SYNONYMS

Granulin (GRN); Rat Granulin (GRN) CLIA Kit; GEP; GP88; PCDGF; PEPI; PGRN; Proepithelin; Acrogranin; Glycoprotein of 88 Kda; Paragranulin; GRN clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Granulin (GRN). No significant cross-reactivity or interference between Granulin (GRN) and analogues was observed.
Sequence Length	593
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	0.14-100ng/mL
Sensitivity	0.06ng/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Granulin (GRN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Granulin (GRN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRN clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Granulin (GRN). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Granulin (GRN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Granulin (GRN) level in the sample or standard.;
Product Categories/Family for GRN clia kit	Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	183613
NCBI GeneID	2896
UniProt Accession #	P28799; P23781; P23782; P23783; P23784; Q53HQ8; Q53Y88; Q540U8; Q9BWE7; Q9H8S1; Q9UCH0; D3DX55
Molecular Weight	44,132 Da
NCBI Official Full Name	granulin
NCBI Official Synonym Full Names	granulin
NCBI Official Symbol	GRN
NCBI Official Synonym Symbols	GEP; GP88; PEPI; PGRN; CLN11; PCDGF
NCBI Protein Information	granulins
UniProt Protein Name	Granulins
UniProt Gene Name	GRN
UniProt Synonym Gene Names	PEPI; GP88; Glycoprotein 88
UniProt Entry Name	GRN_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/rat-clia-kits/granulin-grn/130571>