

Guinea Pig Granulins ELISA Kit | GRN elisa kit

Guinea Pig Granulins ELISA Kit

CATALOG #
AAA97572

REACTIVITY
Guinea Pig

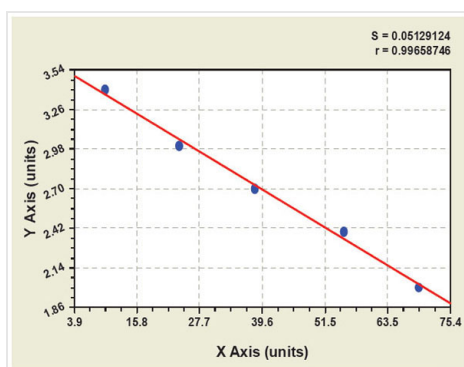
PRODUCT SYNONYMS

Granulins; Guinea Pig Granulins ELISA Kit; GRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRN elisa kit

Principle of the assay: Granulins ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Granulins antibody and an Granulins-HRP conjugate. The assay sample and buffer are incubated together with Granulins-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 Granulins concentration since Granulins from samples and Granulins-HRP conjugate compete for the anti-Granulins antibody binding site. Since the number of sites is limited, as more sites are occupied by Granulins from the sample, fewer sites are left to bind Granulins-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Granulins concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4504151

NCBI GeneID	2896
NCBI Accession #	NP_002078.1
NCBI GenBank Nucleotide #	NM_002087.2
UniProt Accession #	P28799 ; P23781 ; P23782 ; P23783 ; P23784 ; Q53Y88 ; Q540U8 ; Q9BWE7 ; Q9UCH0 ; D3DX55
Molecular Weight	63,544 Da
NCBI Official Full Name	granulins
NCBI Official Synonym Full Names	granulin
NCBI Official Symbol	GRN
NCBI Official Synonym Symbols	GEP; GP88; PEPI; PGRN; CLN11; PCDGF
NCBI Protein Information	granulins; acrogranin; progranulin; proepithelin; granulin-epithelin; PC cell-derived growth factor
UniProt Protein Name	Granulins
UniProt Gene Name	GRN
UniProt Synonym Gene Names	PEPI
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/grn-guinea-pig-pig-elisa-kits/granulins/97572>