

Monkey Granulins ELISA Kit | GRN elisa kit

Monkey Granulins ELISA Kit

CATALOG #
AAA97535

REACTIVITY
Monkey

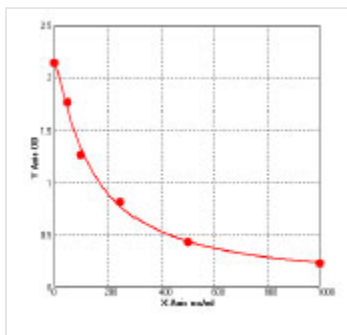
PRODUCT SYNONYMS

Granulins; Monkey Granulins ELISA Kit; GRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of GRN. No significant cross-reactivity or interference between GRN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GRN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/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: GRN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GRN antibody and an GRN-HRP conjugate. The assay sample and buffer are incubated together with GRN-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 GRN concentration since GRN from samples and GRN-HRP conjugate compete for the anti-GRN antibody binding site. Since the number of sites is limited, as more sites are occupied by GRN from the sample, fewer sites are left to bind GRN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GRN concentration in each sample is interpolated from this standard curve. Intended Uses: This GRN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GRN. This ELISA kit for research use only, not for therapeutic or test applications!
---	--

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.