

Human granulin ELISA Kit | GRN elisa kit

Human Granulins, GRN ELISA Kit

CATALOG #
AAA112649

REACTIVITY
Human

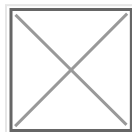
PRODUCT SYNONYMS

granulin; Human Granulins; GRN ELISA Kit; Human Granulins (GRN) ELISA kit; GEP; GP88; PCDGF; PEPI; PGRN; PC cell-derived growth factor; acrogranin; granulin-epithelin; proepithelin; progranulin; GRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GRN. No significant cross-reactivity or interference between human GRN and analogues was observed.
Sequence Length	593
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GRN elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GRN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GRN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GRN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GRN bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; Q53HQ8; Q53Y88; Q540U8; Q9BWE7; Q9H8S1; 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.

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Online datasheet: <https://stage.aaabiotech.com/grn-human-elisa-kits/granulin/112649>