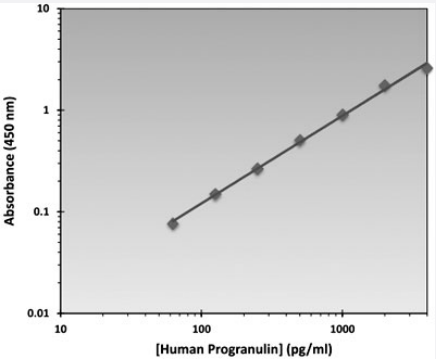
Progranulin (Human) ELISA Kit

Catalog # KA2249 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	Progranulin (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human Progranulin.
Suitable Sample	Cell Lysate, Plasma, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/mL
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Expiration Date	Kit expiration is 3 months from date of shipment
Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

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Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — GRN

Entrez GeneID	2896
Gene Name	GRN
Gene Alias	GEP, GP88, PCDGF, PEPI, PGRN
Gene Description	granulin
Omim ID	138945 607485
Gene Ontology	Hyperlink
Gene Summary	Granulins are a family of secreted, glycosylated peptides that are cleaved from a single precursor protein with 7.5 repeats of a highly conserved 12-cysteine granulin/epithelin motif. The 88 kDa pre cursor protein, progranulin, is also called proepithelin and PC cell-derived growth factor. Cleavag e of the signal peptide produces mature granulin which can be further cleaved into a variety of acti ve, 6 kDa peptides. These smaller cleavage products are named granulin A, granulin B, granulin C, etc. Epithelins 1 and 2 are synonymous with granulins A and B, respectively. Both the peptides and intact granulin protein regulate cell growth. However, different members of the granulin protein family may act as inhibitors, stimulators, or have dual actions on cell growth. Granulin family memb ers are important in normal development, wound healing, and tumorigenesis. [provided by RefSe q
Other Designations	PC cell-derived growth factor|acrogranin|granulin-epithelin|proepithelin|progranulin

Disease

- Alzheimer disease
- Amyotrophic lateral sclerosis
- Aphasia
- Atrophy
- Cardiovascular Diseases

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- Cognition
- Dementia
- Diabetes Mellitus
- Edema
- Frontotemporal Dementia
- Frontotemporal Lobar Degeneration
- Genetic Predisposition to Disease
- Memory
- Memory Disorders
- Motor Neuron Disease
- Movement Disorders
- Neurodegenerative Diseases
- Neuropsychological Tests
- Parkinson disease
- Sclerosis
- Supranuclear Palsy

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