

## Human Progranulin (PGRN) ELISA Kit | PGRN elisa kit

Human Progranulin (PGRN) ELISA Kit

CATALOG #  
**AAA42529**

REACTIVITY  
**Human**

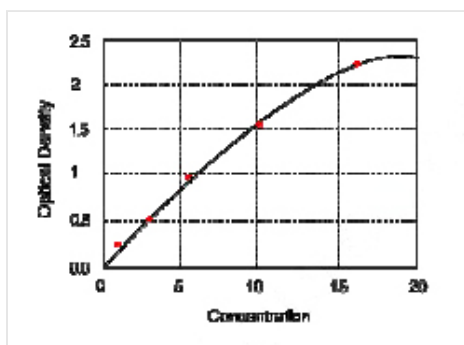
### PRODUCT SYNONYMS

Progranulin (PGRN); Human Progranulin (PGRN) ELISA Kit; PGRN elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 1405                                                                                                                                                                                             |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 5ng/L-1000ng/L                                                                                                                                                                                   |
| Sensitivity             | 2.81ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PGRN elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of human Programmed Death 1 (also known as PD-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PD-1 antibody. PD-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PD-1 Antibody is added and binds to PD-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PD-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human PD-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                         |             |
|-------------------------|-------------|
| NCBI GI #               | 197320487   |
| Molecular Weight        | 152,788 Da  |
| NCBI Official Full Name | progranulin |
| UniProt Protein Name    | Progranulin |
| UniProt Gene Name       | PGRN        |

**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/human-elisa-kits/progranulin-pgrn/42529>