

## Human Pentraxin 3, Long (PTX3) RTU ELISA Kit | PTX3 rtu elisa kit

Human Pentraxin 3, Long (PTX3) ELISA Kit

CATALOG #  
**AAA218075**

REACTIVITY  
**Human**

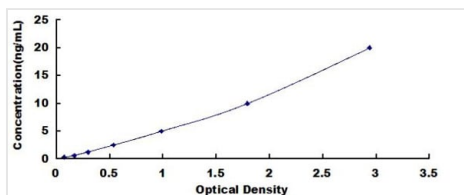
### PRODUCT SYNONYMS

Pentraxin 3; Long (PTX3); Human Pentraxin 3; Long (PTX3) ELISA Kit; TNFAIP5; TSG-14; Pentaxin-Related Gene; Rapidly Induced By IL-1 Beta; Tumor Necrosis Factor Alpha-Induced Protein 5; Tumor necrosis factor-inducible gene 14 protein; PTX3 rtu elisa kit

### PRODUCT SPECIFICATIONS

|                           |                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                | Human                                                                                                                                                                                                                                                                                                                                               |
| Sequence Length           | 381                                                                                                                                                                                                                                                                                                                                                 |
| Assay Type                | Sandwich                                                                                                                                                                                                                                                                                                                                            |
| Samples                   | Serum, Plasma, Tissue Homogenates, Cell Lysates, Saliva or Other Biological Fluids.                                                                                                                                                                                                                                                                 |
| Detection Range           | 0.312-20ng/mL                                                                                                                                                                                                                                                                                                                                       |
| Sensitivity               | 0.114ng/mL                                                                                                                                                                                                                                                                                                                                          |
| RTU ELISA Kit's Advantage | The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.                                                                                                                                                            |
| Preparation and Storage   | For unopened kits: All the reagents should be kept at 4 degree C upon receipt.<br>For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal. |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PTX3 rtu elisa kit

**Test Principle:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to PTX3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PTX3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PTX3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm  $\pm$  10nm. The concentration of PTX3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 167900484                                           |
| NCBI GeneID                      | 5806                                                |
| NCBI Accession #                 | NP_002843.2                                         |
| NCBI GenBank Nucleotide #        | NM_002852.3                                         |
| UniProt Accession #              | P26022; Q38M82; B2R6T6                              |
| Molecular Weight                 | 41,976 Da                                           |
| NCBI Official Full Name          | pentraxin-related protein PTX3                      |
| NCBI Official Synonym Full Names | pentraxin 3                                         |
| NCBI Official Symbol             | PTX3                                                |
| NCBI Official Synonym Symbols    | TSG-14; TNFAIP5                                     |
| NCBI Protein Information         | pentraxin-related protein PTX3                      |
| UniProt Protein Name             | Pentraxin-related protein PTX3                      |
| UniProt Gene Name                | <b>PTX3</b>                                         |
| UniProt Synonym Gene Names       | TNFAIP5; TSG14; TNF alpha-induced protein 5; TSG-14 |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/human-rtu-elisa-kits/pentraxin-3-long-ptx3/218075>