

## Human Pumilio homolog 1 (PUM1) ELISA Kit | PUM1 elisa kit

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|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA44234</b> | REACTIVITY<br><b>Human</b> |
|------------------------------|----------------------------|

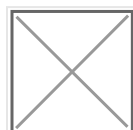
### PRODUCT SYNONYMS

Pumilio homolog 1 (PUM1); Human Pumilio homolog 1 (PUM1) ELISA Kit; PUM1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 1188                                                                     |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 15ng/L - 3500ng/L                                                        |
| Sensitivity             | 7.82ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Related Product Information for PUM1 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of human Pumilio Homolog 1 (also known as PUM1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PUM1 antibody. PUM1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PUM1 Antibody is added and binds to PUM1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PUM1 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 PUM1. 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 #        | 66932909       |
| NCBI GeneID      | 9698           |
| NCBI Accession # | NP_001018494.1 |

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | NM_001020658.1                                                 |
| UniProt Accession #              | Q14671; Q53HH5; Q5VXY7; Q9HAN1; A8K6W4; B4DG92; D3DPN3; E9PCJ0 |
| Molecular Weight                 | 124,420 Da                                                     |
| NCBI Official Full Name          | pumilio homolog 1 isoform 1                                    |
| NCBI Official Synonym Full Names | pumilio RNA binding family member 1                            |
| NCBI Official Symbol             | PUM1                                                           |
| NCBI Official Synonym Symbols    | PUMH; HSPUM; PUMH1; PUML1; SCA47                               |
| NCBI Protein Information         | pumilio homolog 1                                              |
| UniProt Protein Name             | Pumilio homolog 1                                              |
| UniProt Gene Name                | <b>PUM1</b>                                                    |
| UniProt Synonym Gene Names       | HsPUM; Pumilio-1                                               |

**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/pumilio-homolog-1-pum1/44234>