

## Goat Amylin (Amy) ELISA Kit | Amy elisa kit

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CATALOG #  
**AAA121696**

REACTIVITY  
**Goat**

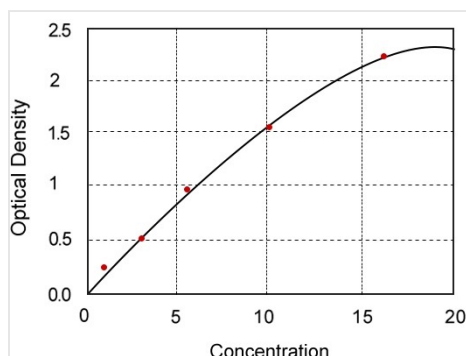
### PRODUCT SYNONYMS

Amylin (Amy); Goat Amylin (Amy) ELISA Kit; Amy elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Goat                                                                     |
| Sequence Length         | 62                                                                       |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 20ng/L - 3000ng/L                                                        |
| Sensitivity             | 9.27ng/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

#### Related Product Information for Amy elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Goat Amylin (also known as Amy) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Goat Amy antibody. Amy present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Goat Amy Antibody is added and binds to Amy in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Amy 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 Goat Amy. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 457131                    |
| NCBI GeneID                      | 3375                      |
| Molecular Weight                 | 9,806 Da                  |
| NCBI Official Full Name          | amylin, partial           |
| NCBI Official Synonym Full Names | islet amyloid polypeptide |
| NCBI Official Symbol             | IAPP                      |
| NCBI Official Synonym Symbols    | DAP; IAP                  |
| NCBI Protein Information         | islet amyloid polypeptide |
| UniProt Protein Name             | Islet amyloid polypeptide |
| UniProt Gene Name                | IAPP                      |
| UniProt Synonym Gene Names       | DAP                       |

**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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