

## Goat Amylin ELISA Kit | Amylin elisa kit

Goat Amylin ELISA Kit

CATALOG #  
**AAA92495**

REACTIVITY  
**Goat**

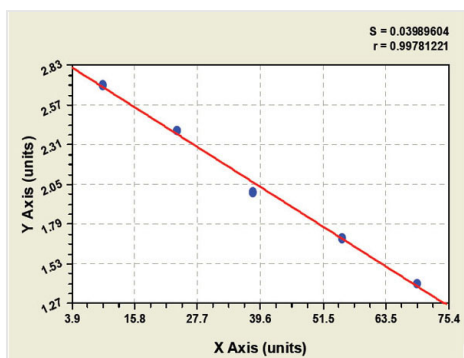
### PRODUCT SYNONYMS

Amylin; Goat Amylin ELISA Kit; Amylin elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                |
| Assay Type              | Competitive                                                                                                                                                                               |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                |
| Intended Uses           | This Amylin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Amylin. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Amylin elisa kit

**Principle of the Assay:** Amylin ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Amylin antibody and an Amylin-HRP conjugate. The assay sample and buffer are incubated together with Amylin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Amylin concentration since Amylin from samples and Amylin-HRP conjugate compete for the anti-Amylin antibody binding site. Since the number of sites is limited, as more sites are occupied by Amylin from the sample, fewer sites are left to bind Amylin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Amylin concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for Amylin elisa kit

[Signal Transduction](#)

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; amylin; insulinoma amyloid peptide; diabetes-associated peptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin) |
| UniProt Protein Name             | Islet amyloid polypeptide                                                                                                                                   |
| UniProt Gene Name                | IAPP                                                                                                                                                        |
| UniProt Synonym Gene Names       | DAP                                                                                                                                                         |
| UniProt Entry Name               | IAPP_HUMAN                                                                                                                                                  |

**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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