

## Human alpha-Amylase, AMS/AMY ELISA Kit | AMS/AMY elisa kit

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CATALOG #  
**AAA41819**

REACTIVITY  
**Human**

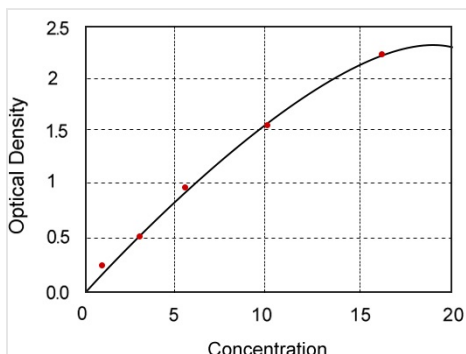
### PRODUCT SYNONYMS

alpha-Amylase; AMS/AMY; Human alpha-Amylase; AMS/AMY ELISA Kit; AMS/AMY elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 993                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 20U/L - 6000U/L                                                          |
| Sensitivity             | 10.30U/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 AMS/AMY elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Alpha-Amylase (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 human AMY antibody. AMY present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human 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 human AMY. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                               |               |
|-------------------------------|---------------|
| NCBI GI #                     | 21225304      |
| NCBI GeneID                   | 1102457       |
| NCBI Accession #              | NP_631083.1   |
| NCBI GenBank Nucleotide #     | NC_003888.3   |
| NCBI Official Full Name       | alpha-amylase |
| NCBI Official Symbol          | SCO7019       |
| NCBI Official Synonym Symbols | aml           |
| NCBI Protein Information      | alpha-amylase |

**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/alpha-amylase-ams-amy/41819>