

## Human Hyaluronidase ELISA Kit | HAase elisa kit

Human Hyaluronidase ELISA Kit

CATALOG #  
**AAA16390**

REACTIVITY  
**Human**

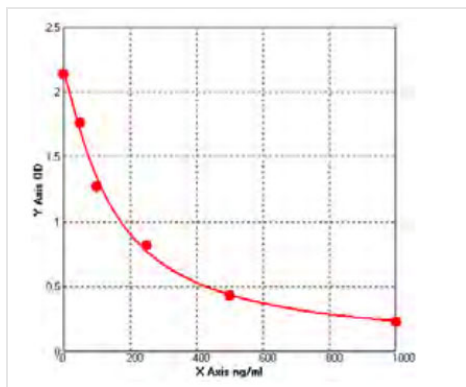
### PRODUCT SYNONYMS

Hyaluronidase; Human Hyaluronidase ELISA Kit; HAase elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of HAase. No significant cross-reactivity or interference between HAase and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HAase and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for HAase elisa kit | <p>Principle of the Assay: HAase ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HAase antibody and an HAase-HRP conjugate. The assay sample and buffer are incubated together with HAase-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 HAase concentration since HAase from samples and HAase-HRP conjugate compete for the anti-HAase antibody binding site. Since the number of sites is limited, as more sites are occupied by HAase from the sample, fewer sites are left to bind HAase-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HAase concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This HAase ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HAase. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for HAase elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 2935328                                   |
| NCBI GeneID                      | 8372                                      |
| Molecular Weight                 | 15,865 Da                                 |
| NCBI Official Full Name          | hyaluronidase                             |
| NCBI Official Synonym Full Names | hyaluronoglucosaminidase 3                |
| NCBI Official Symbol             | HYAL3                                     |
| NCBI Official Synonym Symbols    | LUCA3; HYAL-3; LUCA-3                     |
| NCBI Protein Information         | hyaluronidase-3; lung carcinoma protein 3 |
| UniProt Protein Name             | Hyaluronidase-3                           |
| UniProt Gene Name                | HYAL3                                     |
| UniProt Synonym Gene Names       | LUCA3; Hyal-3; LuCa-3                     |
| UniProt Entry Name               | HYAL3_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.