

## Mouse Mannosyl-oligosaccharide 1, 2-alpha-mannosidase IA (MAN1A1) ELISA Kit | MAN1A1 elisa kit

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CATALOG #  
**AAA245756**

REACTIVITY  
**Mouse**

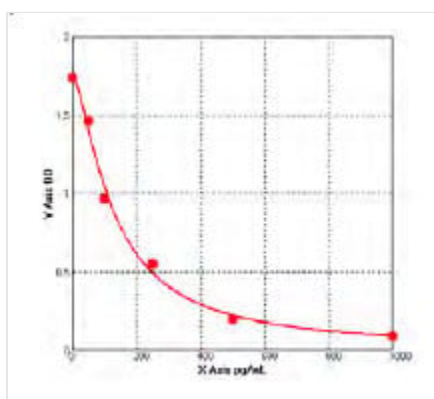
### PRODUCT SYNONYMS

Mannosyl-oligosaccharide 1; 2-alpha-mannosidase IA (MAN1A1); Mouse Mannosyl-oligosaccharide 1; 2-alpha-mannosidase IA (MAN1A1) ELISA Kit; MAN1A1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| Related Product Information for<br>MAN1A1 elisa kit | <p>Intended Uses: This Malonyl CoA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine Malonyl CoA. This ELISA kit for research use only!</p> <p>Principle of the Assay: Malonyl CoA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Malonyl CoA antibody and an Malonyl CoA-HRP conjugate. The assay sample and buffer are incubated together with Malonyl CoA-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 Malonyl CoA concentration since Malonyl CoA from samples and Malonyl CoA-HRP conjugate compete for the anti-Malonyl CoA antibody binding site. Since the number of sites is limited, as more sites are occupied by Malonyl CoA from the sample, fewer sites are left to bind Malonyl CoA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Malonyl CoA concentration in each sample is interpolated from this standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

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|-------------------------|---------------------------------------------------|
| NCBI GI #               | 685964827                                         |
| NCBI Official Full Name | Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/mannosyl-oligosaccharide-1-2-alpha-mannosidase-ia-man1a1/245756>