

Mouse YM1/Chitinase 3-like 3 (YM1) ELISA Kit | YM1 elisa kit

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CATALOG #
AAA247256

REACTIVITY
Mouse

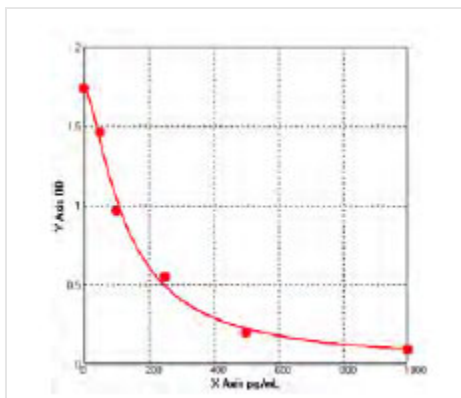
PRODUCT SYNONYMS

YM1/Chitinase 3-like 3 (YM1); Mouse YM1/Chitinase 3-like 3 (YM1) ELISA Kit; YM1 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 at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 8% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for YM1 elisa kit	Intended Uses: This YKL-40/CHI3L1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine YKL-40/CHI3L1. This ELISA kit for research use only! Principle of the Assay: YKL-40/CHI3L1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-YKL-40/CHI3L1 antibody and an YKL-40/CHI3L1-HRP conjugate. The assay sample and buffer are incubated together with YKL-40/CHI3L1-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 YKL-40/CHI3L1 concentration since YKL-40/CHI3L1 from samples and YKL-40/CHI3L1-HRP conjugate compete for the anti-YKL-40/CHI3L1 antibody binding site. Since the number of sites is limited, as more sites are occupied by YKL-40/CHI3L1 from the sample, fewer sites are left to bind YKL-40/CHI3L1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The YKL-40/CHI3L1 concentration in each sample is interpolated from this standard curve.
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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://www.aaabiotech.com/mouse-elisa-kits/ym1-chitinase-3-like-3-ym1/247256>