

Porcine Mannose ELISA Kit | MN elisa kit

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CATALOG #
AAA97024

REACTIVITY
Porcine

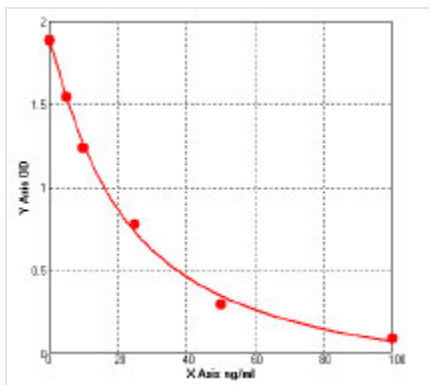
PRODUCT SYNONYMS

Mannose; Porcine Mannose ELISA Kit; MN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of MANN. No significant cross-reactivity or interference between MANN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MANN and all the analogues, therefore, cross reaction may still exist in some cases.
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

Related Product Information for MN elisa kit	Intended Uses: This MANN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine MANN. This ELISA kit for research use only! Principle of the Assay: MANN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MANN antibody and an MANN-HRP conjugate. The assay sample and buffer are incubated together with MANN-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 MANN concentration since MANN from samples and MANN-HRP conjugate compete for the anti-MANN antibody binding site. Since the number of sites is limited, as more sites are occupied by MANN from the sample, fewer sites are left to bind MANN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MANN 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://stage.aaabiotech.com/mn-porcine-elisa-kits/mannose/97024>