

Bovine Anti-GM2 (ganglioside) Antibody IgM ELISA Kit | GM2 Ab IgM elisa kit

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CATALOG #
AAA97515

REACTIVITY
Bovine

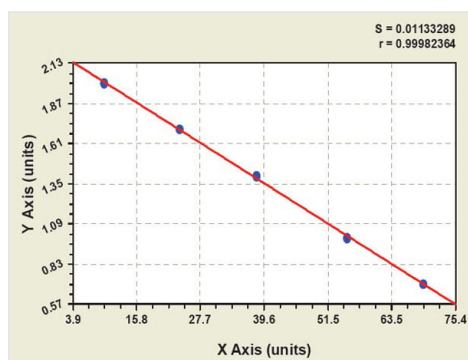
PRODUCT SYNONYMS

Anti-GM2 (ganglioside) Antibody IgM; Bovine Anti-GM2 (ganglioside) Antibody IgM ELISA Kit; GM2 Ab IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 GM2 Ab IgM elisa kit

Principle of the assay: Anti-GM2 (ganglioside) Antibody IgM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Anti-GM2 (ganglioside) Antibody IgM antibody and an Anti-GM2 (ganglioside) Antibody IgM-HRP conjugate. The assay sample and buffer are incubated together with Anti-GM2 (ganglioside) Antibody IgM-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 Anti-GM2 (ganglioside) Antibody IgM concentration since Anti-GM2 (ganglioside) Antibody IgM from samples and Anti-GM2 (ganglioside) Antibody IgM-HRP conjugate compete for the anti-Anti-GM2 (ganglioside) Antibody IgM antibody binding site. Since the number of sites is limited, as more sites are occupied by Anti-GM2 (ganglioside) Antibody IgM from the sample, fewer sites are left to bind Anti-GM2 (ganglioside) Antibody IgM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-GM2 (ganglioside) Antibody IgM concentration in each sample is interpolated from this standard curve.

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/gm2-ab-igm-bovine-ovine-elisa-kits/anti-gm2-ganglioside-antibody-igm/97515>