

Bovine Anti-neuroblastoma-antibody ELISA Kit | NB elisa kit

Bovine Anti-neuroblastoma-antibody ELISA Kit

CATALOG #
AAA96634

REACTIVITY
Bovine

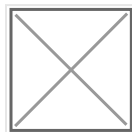
PRODUCT SYNONYMS

Anti-neuroblastoma-antibody; Bovine Anti-neuroblastoma-antibody ELISA Kit; NB 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 NB elisa kit

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

Product Categories/Family for NB elisa kit

Neurobiology

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.