

Bovine Anti-Collapsin response mediator protein 5 antibody ELISA Kit | CRMP5Ab elisa kit

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CATALOG # AAA97205	REACTIVITY Bovine
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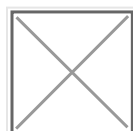
PRODUCT SYNONYMS

Anti-Collapsin response mediator protein 5 antibody; Bovine Anti-Collapsin response mediator protein 5 antibody ELISA Kit; CRMP5Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CRMP5Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CRMP5Ab. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRMP5Ab elisa kit	Principle of the Assay: CRMP5Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing CRMP5 antigen and an CRMP5Ab-HRP conjugate. The assay sample and buffer are incubated together with CRMP5Ab-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 CRMP5Ab concentration since CRMP5Ab from samples and CRMP5Ab-HRP conjugate compete for the CRMP5 antigen binding site. Since the number of sites is limited, as more sites are occupied by CRMP5Ab from the sample, fewer sites are left to bind CRMP5Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRMP5Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CRMP5Ab elisa kit	Neuroscience

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.