

Bovine Mitogen Activated Protein Kinase ELISA Kit | MAPK elisa kit

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CATALOG #
AAA91307

REACTIVITY
Bovine

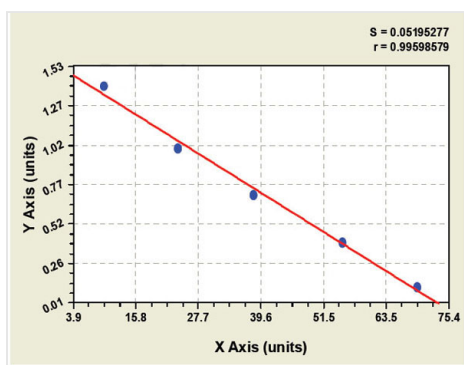
PRODUCT SYNONYMS

Mitogen Activated Protein Kinase; Bovine Mitogen Activated Protein Kinase ELISA Kit; MAPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This BG MAPK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine MAPK. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	148750945
Molecular Weight	42,949 Da
NCBI Official Full Name	MAPK
UniProt Protein Name	MAPK
UniProt Gene Name	MAPK
UniProt Entry Name	B1N8Y5_9ROSA

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/mapk-bovine-ovine-elisa-kits/mitogen-activated-protein-kinase/91307>