

Bovine Active caspase-3 ELISA Kit | Active caspase-3 elisa kit

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CATALOG #
AAA245083

REACTIVITY
Bovine

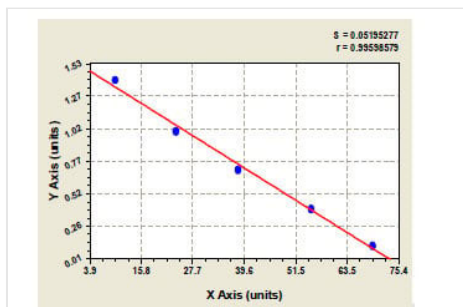
PRODUCT SYNONYMS

Active caspase-3; Bovine Active caspase-3 ELISA Kit; Active caspase-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Active caspase-3 elisa kit

Intended Uses: This Active caspase 3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine Active caspase 3. This ELISA kit for research use only!

Principle of the Assay||Active caspase 3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Active caspase 3 antibody and an Active caspase 3-HRP conjugate. The assay sample and buffer are incubated together with Active caspase 3-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 Active caspase 3 concentration since Active caspase 3 from samples and Active caspase 3-HRP conjugate compete for the anti-Active caspase 3 antibody binding site. Since the number of sites is limited, as more sites are occupied by Active caspase 3 from the sample, fewer sites are left to bind Active caspase 3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Active caspase 3 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/bovine-ovine-elisa-kits/active-caspase-3/245083>