

Bovine Anti-keratin antibody ELISA Kit | AKA elisa kit

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CATALOG #
AAA96520

REACTIVITY
Bovine

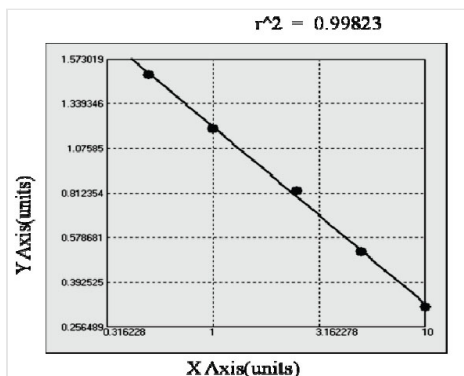
PRODUCT SYNONYMS

Anti-keratin antibody; Bovine Anti-keratin antibody ELISA Kit; AKA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This AKA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine AKA. 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 AKA elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	7717238
Molecular Weight	27,660 Da
NCBI Official Full Name	keratin, partial
UniProt Protein Name	Keratin
UniProt Gene Name	keratin
UniProt Entry Name	Q16195_HUMAN

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/aka-bovine-ovine-elisa-kits/anti-keratin-antibody/96520>