

Bovine Colicin ELISA Kit | Colicin elisa kit

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CATALOG #
AAA95672

REACTIVITY
Bovine

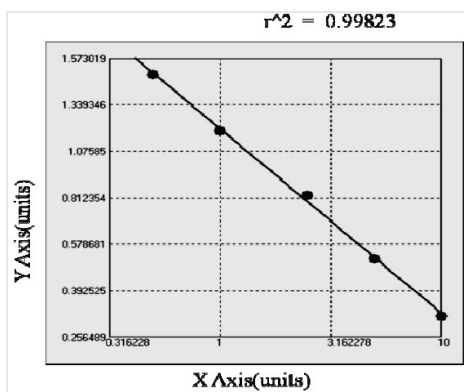
PRODUCT SYNONYMS

Colicin; Bovine Colicin ELISA Kit; Colicin 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 Colicin elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	504453205
NCBI Accession #	WP_014640307.1
NCBI GenBank Nucleotide #	WP_014640307.1
NCBI Official Full Name	colicin

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/colicin/95672>