

Sheep Coagulation Factor IX ELISA Kit | F9 elisa kit

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CATALOG #
AAA91972

REACTIVITY
Sheep

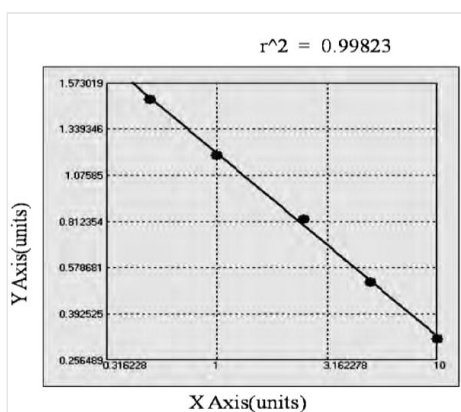
PRODUCT SYNONYMS

Coagulation Factor IX; Sheep Coagulation Factor IX ELISA Kit; F9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This F9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep F9. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F9 elisa kit

Principle of the assay: F9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-F9 antibody and an F9-HRP conjugate. The assay sample and buffer are incubated together with F9-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 F9 concentration since F9 from samples and F9-HRP conjugate compete for the anti-F9 antibody binding site. Since the number of sites is limited, as more sites are occupied by F9 from the sample, fewer sites are left to bind F9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The F9 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	326684024
NCBI GeneID	2158
Molecular Weight	47,618 Da
NCBI Official Full Name	coagulation factor IX
NCBI Official Synonym Full Names	coagulation factor IX
NCBI Official Symbol	F9
NCBI Official Synonym Symbols	FIX; P19; PTC; HEMB; THPH8
NCBI Protein Information	coagulation factor IX; F9 p22; FIX F9; factor 9; factor IX F9; Christmas factor; plasma thromboplastic component; plasma thromboplastin component
UniProt Protein Name	Coagulation factor IX
UniProt Gene Name	F9
UniProt Synonym Gene Names	PTC
UniProt Entry Name	FA9_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.