

Rat FIX ELISA Kit | FIX elisa kit

Rat FIX (Coagulation Factor IX) ELISA Kit

CATALOG #
AAA163568

REACTIVITY
Rat

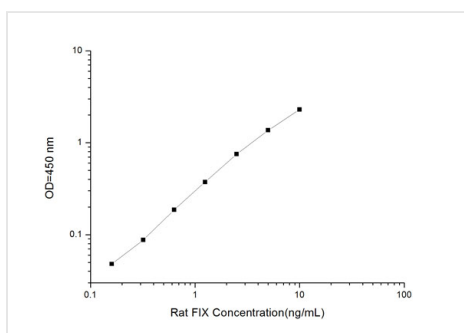
PRODUCT SYNONYMS

FIX; Rat FIX (Coagulation Factor IX) ELISA Kit; FIX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat FIX. No significant cross-reactivity or interference between Rat FIX and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat FIX and all the analogues, therefore, cross reaction may still exist.
Sequence Length	461
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FIX elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FIX in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat FIX. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat FIX and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat FIX, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat FIX. You can calculate the concentration of Rat FIX in the samples by comparing the OD of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	80479046
NCBI GeneID	2158
UniProt Accession #	P00740; Q5FBE1; Q5JYJ8; A8K9N4; F2RM36
Molecular Weight	47,618 Da
NCBI Official Full Name	F9 protein
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; Christmas factor; F9 p22; FIX F9; factor 9; factor IX F9; 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.