

Canine Coagulation Factor VIII (F8) ELISA Kit | F8 elisa kit

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CATALOG #
AAA68290

REACTIVITY
Canine

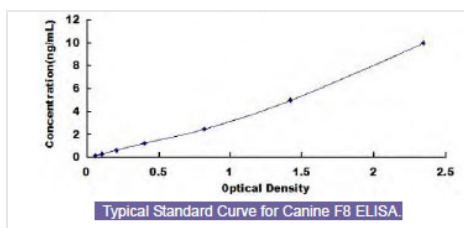
PRODUCT SYNONYMS

Coagulation Factor VIII (F8); Canine Coagulation Factor VIII (F8) ELISA Kit; F8; FVIII; AHF; HEMA; F8B; F8C; Antihemophilic Globulin; Hemophilia A; Anti-Hemophilic Factor A; FVIII Procoagulant Component; F8 Protein; F8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of F8. No significant cross-reactivity or interference between F8 and analogues was observed.
Sequence Length	2,343
Samples	Plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	1.15ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level F8 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level F8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for F8 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of F8 in canine plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to F8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to F8. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain F8, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of F8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50978978
NCBI GeneID	403875
NCBI Accession #	NP_001003212.1
NCBI GenBank Nucleotide #	NM_001003212.1
UniProt Accession #	O18806; O62730
Molecular Weight	265,831 Da
NCBI Official Full Name	coagulation factor VIII
NCBI Official Symbol	F8
NCBI Protein Information	coagulation factor VIII
UniProt Protein Name	Coagulation factor VIII
UniProt Gene Name	F8

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.