

Canine IP-10/CXCL10 ELISA Kit | IP-10/CXCL10 elisa kit

Canine IP-10/CXCL10 (Interferon Gamma Induced Protein 10kDa) ELISA Kit

CATALOG #
AAA165800

REACTIVITY
Canine

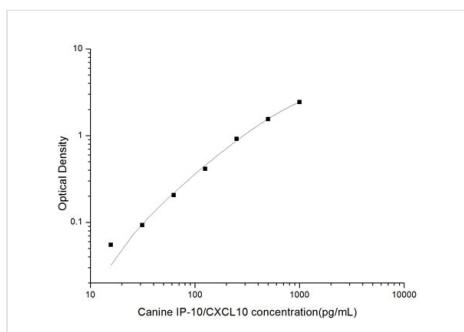
PRODUCT SYNONYMS

IP-10/CXCL10; Canine IP-10/CXCL10 (Interferon Gamma Induced Protein 10kDa) ELISA Kit; IP-10/CXCL10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This kit recognizes Canine IP-10/CXCL10 in samples. No significant cross-reactivity or interference between Canine IP-10/CXCL10 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.625-1000pg/mL
Sensitivity	9.375pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Canine IP-10/CXCL10 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Canine IP-10/CXCL10 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IP-10/CXCL10 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Canine IP-10/CXCL10. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Canine IP-10/CXCL10 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Canine IP- 10/CXCL10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Canine IP-10/CXCL10. You can calculate the concentration of Canine IP-10/CXCL10 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Canine IP-10/CXCL10 concentrations in serum, plasma and other biological fluids.
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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/canine-elisa-kits/ip-10-cxcl10/165800>