

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

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

CATALOG #
AAA163890

REACTIVITY
Porcine

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine IP-10/CXCL10 in samples. No significant cross-reactivity or interference between Porcine IP-10/CXCL10 and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine 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 Porcine IP-10/CXCL10 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for IP-10/CXCL10 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine IP-10/CXCL10 concentrations in serum, plasma and other biological fluids.

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 Porcine 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 Porcine 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 Porcine 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 Porcine IP-10/CXCL10. You can calculate the concentration of Porcine IP-10/CXCL10 in the samples by comparing the OD of the samples to the standard curve.

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.