

Porcine EGF ELISA Kit | EGF elisa kit

Porcine EGF (Epidermal Growth Factor) ELISA Kit

CATALOG #
AAA165651

REACTIVITY
Porcine

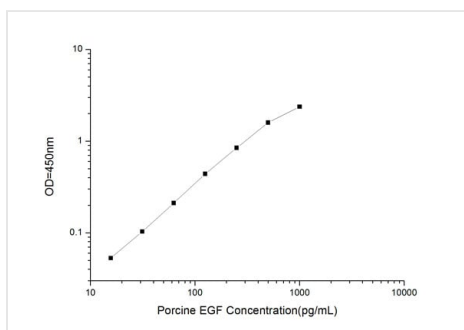
PRODUCT SYNONYMS

EGF; Porcine EGF (Epidermal Growth Factor) ELISA Kit; EGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine Cyt-C in samples. No significant cross-reactivity or interference between Porcine Cyt-C and analogues was observed.
Sequence Length	89
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine Cyt-C 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 Cyt-C 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 EGF elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine Cyt-C 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 Cyt-C. 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 Cyt-C 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 Cyt-C, 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 Cyt-C. You can calculate the concentration of Porcine Cyt-C in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	688072
Molecular Weight	9,879 Da
NCBI Official Full Name	epidermal growth factor, partial
UniProt Protein Name	Epidermal growth factor
UniProt Gene Name	epidermal growth factor/ EGF
UniProt Entry Name	Q28867_HORSE

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://www.aaabiotech.com/porcine-elisa-kits/egf/165651>