

Pig Interleukin 8 ELISA Kit | IL-8 elisa kit

Pig Interleukin 8 (IL-8) ELISA Kit

CATALOG # AAA55413	REACTIVITY Pig
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PRODUCT SYNONYMS

Interleukin 8; Pig Interleukin 8 (IL-8) ELISA Kit; IL-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig IL8. No significant cross-reactivity or interference between Pig IL8 and analogues was observed.
Sequence Length	99
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-8 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL8 in samples. An antibody specific for IL8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyIL8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL8 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523124
NCBI GeneID	396880
NCBI Accession #	NP_999032.1
NCBI GenBank Nucleotide #	NM_213867.1
UniProt Accession #	P26894 ; P22951

Molecular Weight	11,633 Da
NCBI Official Full Name	interleukin-8
NCBI Official Symbol	CXCL8
NCBI Official Synonym Symbols	IL8; AMCF-I
NCBI Protein Information	interleukin-8
UniProt Protein Name	Interleukin-8
UniProt Gene Name	CXCL8
UniProt Synonym Gene Names	IL8; IL-8; AMCF-I

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/il-8-pig-elisa-kits/interleukin-8/55413>