

Pig interleukin 8 ELISA Kit | IL8 elisa kit

Pig interleukin 8, IL-8 ELISA Kit

CATALOG #
AAA79542

REACTIVITY
Pig

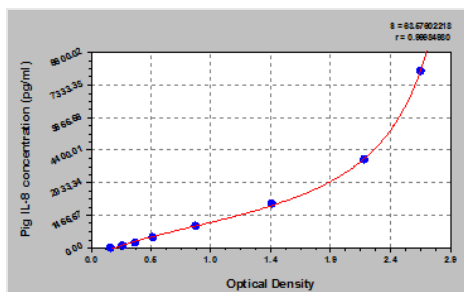
PRODUCT SYNONYMS

interleukin 8; Pig interleukin 8; IL-8 ELISA Kit; CXCL8; GCP-1; GCP1; LECT; LUCT; LYNAP; MDNCF; MONAP; NAF; NAP-1; NAP1; T cell chemotactic factor; beta-thromboglobulin-like protein; chemokine (C-X-C motif) ligand 8; emoctakin; granulocyte chemotactic; IL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig IL-8. No significant cross-reactivity or interference between pig IL-8 and analogues was observed.
Sequence Length	103
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	< 31.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL8 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-8 is added to the wells. After washing, avidin 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 IL-8 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

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	IL8
NCBI Official Synonym Symbols	CXCL8; AMCF-I
NCBI Protein Information	interleukin-8; IL-8; C-X-C motif chemokine 8; chemokine (C-X-C motif) ligand 8; alveolar macrophage chemotactic factor I; alveolar macrophage-derived chemotactic factor-I
UniProt Protein Name	Interleukin-8
UniProt Gene Name	CXCL8
UniProt Synonym Gene Names	IL8; IL-8; AMCF-I
UniProt Entry Name	IL8_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/il8-pig-elisa-kits/interleukin-8/79542>