

Guinea Pig interleukin 8 ELISA Kit | IL8 elisa kit

Guinea Pig Interleukin 8, IL-8 ELISA Kit

CATALOG #
AAA15559

REACTIVITY
Guinea Pig

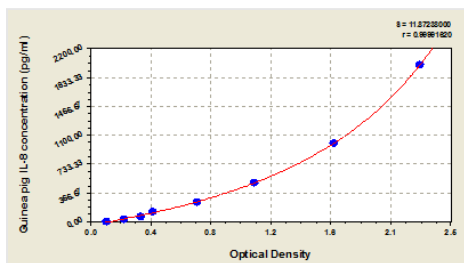
PRODUCT SYNONYMS

interleukin 8; Guinea Pig Interleukin 8; IL-8 ELISA Kit; Guinea pig Interleukin 8; 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	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Guinea Pig IL-8. No significant cross-reactivity or interference between Guinea Pig IL-8 and analogues was observed.
Sequence Length	101
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	290565758
NCBI GeneID	100379599
NCBI Accession #	NP_001166870.1
NCBI GenBank Nucleotide #	NM_001173399.2
UniProt Accession #	P49113
Molecular Weight	11,414 Da
NCBI Official Full Name	interleukin-8
NCBI Official Symbol	IL8
NCBI Official Synonym Symbols	IL-8; CXCL8; NAP-1
NCBI Protein Information	interleukin-8; C-X-C motif chemokine 8; Neutrophil attractant protein 1; neutrophil attractant protein-1; chemokine (C-X-C motif) ligand 8
UniProt Protein Name	Interleukin-8
UniProt Gene Name	CXCL8
UniProt Synonym Gene Names	IL8; IL-8; NAP-1
UniProt Entry Name	IL8_CAVPO

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.