

Human IL-8 ELISA Kit | IL-8 elisa kit

Human IL-8 ELISA Kit

CATALOG # AAA332547	REACTIVITY Human	APPLICATIONS ELISA
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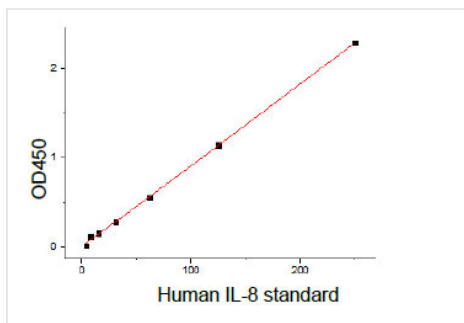
PRODUCT SYNONYMS

IL-8; Human IL-8 ELISA Kit; IL8; IL 8; NAF; GCP1; LECT; LUCT; NAP1; GCP-1; LYNAP; MDNCF; MONAP; NAP-1; CXCL8; IL-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human IL-8 ELISA Kit has high sensitivity and excellent specificity for detection of Human IL-8. No significant cross-reactivity or interference between Human IL-8 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	3.91 pg/mL-250 pg/mL
Sensitivity	2 pg/mL
Applicable Applications for IL-8 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-8 elisa kit	Principle of the Assay: The protein encoded by IL-8 gene is a member of the CXC chemokine family. This chemokine is one of the major mediators of the inflammatory response. This chemokine is secreted by several cell types. It functions as a chemoattractant, and is also a potent angiogenic factor. Human IL-8 ELISA Kit employs a double antibody sandwich method to quantitate Human IL-8 in samples. An antibody specific for Human IL-8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human IL-8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Human IL-8 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates is added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The IL-8 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-8 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834978
NCBI GeneID	3576
NCBI Accession #	NP_000575.1
NCBI GenBank Nucleotide #	NM_000584.3
UniProt Accession #	P10145; Q6FGF6; Q6LAE6; Q96RG6; Q9C077; Q9UCE1; Q9UCR8; Q9UCR9; Q9UCS0; B2R4L8
Molecular Weight	11kDa
NCBI Official Full Name	interleukin-8
NCBI Official Synonym Full Names	interleukin 8
NCBI Official Symbol	IL8
NCBI Official Synonym Symbols	NAF; GCP1; LECT; LUCT; NAP1; CXCL8; GCP-1; LYNAp; MDNCF; MONAP; NAP-1
NCBI Protein Information	interleukin-8; emoctakin; T-cell chemotactic factor; neutrophil-activating peptide 1; chemokine (C-X-C motif) ligand 8; beta-thromboglobulin-like protein; granulocyte chemotactic protein 1; tumor necrosis factor-induced gene 1; alveolar macrophage chemota
UniProt Protein Name	Interleukin-8
UniProt Gene Name	IL8
UniProt Synonym Gene Names	CXCL8; IL-8; GCP-1; MDNCF; MONAP; NAP-1; LYNAp; NAF
UniProt Entry Name	IL8_HUMAN

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.