

Human IL-8 (Interleukin 8) ELISA Kit | IL-8 elisa kit

QuickKey Pro Human IL-8 (Interleukin 8) ELISA Kit

CATALOG #
AAA177889

REACTIVITY
Human

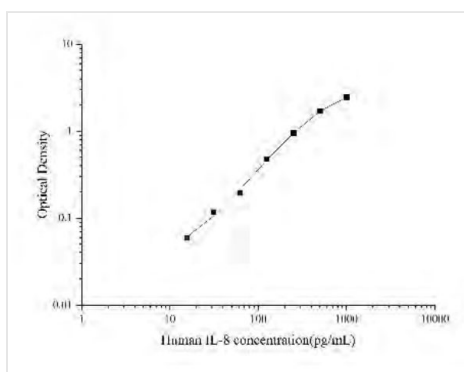
PRODUCT SYNONYMS

IL-8 (Interleukin 8); QuickKey Pro Human IL-8 (Interleukin 8) ELISA Kit; IL8/CXCL8; IL-8; IL-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IL-8 in samples. No significant cross-reactivity or interference between Human IL-8 and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Human serum and plasma samples
Detection Range	15.63-1000 pg/mL
Sensitivity	9.38 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IL-8 were tested 20 times on one plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8° for 6 months. After test, the unused wells and reagents should be stored according to the table/manual.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-8 elisa kit	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 Human IL-8. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Human IL-8 are added to the micro ELISA plate wells. Human IL-8 in samples (or standards) combines with the coated antibody and HRP linked detection antibody special to Human IL-8. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. 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±2 nm. The OD value is proportional to the concentration of Human IL-8. The concentration of Human IL-8 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of IL-8 concentrations in Human serum and plasma samples. Please contact tech-support for other sample type detection..
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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.