

Human Interleukin 8 Antibody (IL8) ELISA Kit | IL8 elisa kit

Human Anti-Interleukin 8 Antibody (Anti-IL8)(Competitive EIA) ELISA Kit

CATALOG # AAA150839	REACTIVITY Human	APPLICATIONS ELISA
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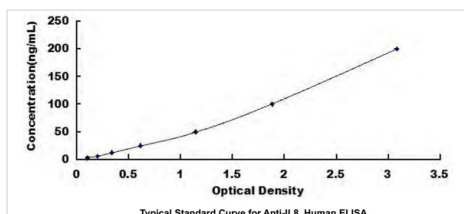
PRODUCT SYNONYMS

Interleukin 8 Antibody (IL8); Human Anti-Interleukin 8 Antibody (Anti-IL8)(Competitive EIA) ELISA Kit; ELISA Kit for Anti-Interleukin 8 Antibody (Anti-IL8); Anti-IL8/Anti-Interleukin 8 Antibody; CXCL8; AMCF-I; GCP1; K60; LECT; LUCT; LYNPAP; MDNCF; MONAP; NAF; NAP1; SCYB8; TSG1; B-ENAP; Neutrophil-Activating Protein 1; Granulocyte Chemotactic Protein 1; IL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-IL8. No significant cross-reactivity or interference between Anti-IL8 and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.17ng/mL
Applicable Applications for IL8 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-IL8 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-IL8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL8 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with IL8. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-IL8 will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Anti-IL8 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-IL8 in human serum, plasma and other biological fluids.
Product Categories/Family for IL8 elisa kit	Tumor immunity; Endocrinology; Hormone metabolism

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; P10145
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; emotakin; 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.