

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

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CATALOG #
AAA42791

REACTIVITY
Human

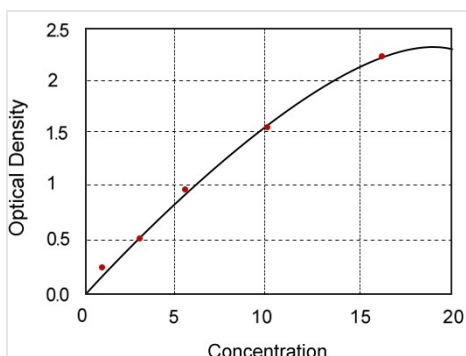
PRODUCT SYNONYMS

Interleukin 8; IL-8; Human Interleukin 8; IL-8 ELISA Kit; IL-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	103
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1000ng/L
Sensitivity	2.51ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-8 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 8 (also known as IL-8) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL-8 antibody. IL-8 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL-8 Antibody is added and binds to IL-8 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-8 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL-8. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49169793
NCBI GeneID	396495
NCBI Accession #	NP_990829.1
NCBI GenBank Nucleotide #	NM_205498.1
UniProt Accession #	P08317; Q546U2
Molecular Weight	11,056 Da
NCBI Official Full Name	interleukin-8
NCBI Official Synonym Full Names	interleukin 8-like 2
NCBI Official Symbol	IL8L2
NCBI Official Synonym Symbols	IL8; CXCL8; EMF-1; CXCLi2
NCBI Protein Information	interleukin-8
UniProt Protein Name	Interleukin-8
UniProt Gene Name	CXCL8
UniProt Synonym Gene Names	CEF4; EMF1; IL8; IL-8; EMF-1

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/human-elisa-kits/interleukin-8-il-8/42791>