

Human colony-stimulating factor, CSF ELISA Kit | CSF elisa kit

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CATALOG #
AAA41427

REACTIVITY
Human

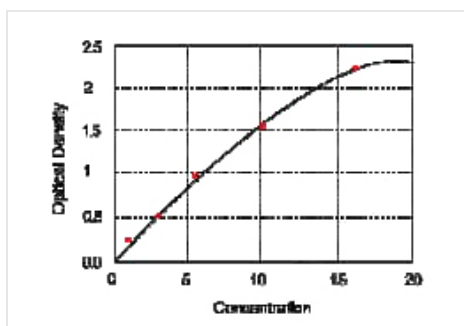
PRODUCT SYNONYMS

colony-stimulating factor; CSF; Human colony-stimulating factor; CSF ELISA Kit; CSF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	201
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L-150ng/L
Sensitivity	0.30ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 CSF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Collagenase Type II (also known as Col II) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Col II antibody. Col II present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Col II Antibody is added and binds to Col II in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Col II 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 Col. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224922585
NCBI GeneID	396216
UniProt Accession #	COMN01; P13854
Molecular Weight	22,374 Da
NCBI Official Full Name	colony stimulating factor
NCBI Official Synonym Full Names	colony stimulating factor 3
NCBI Official Symbol	CSF3
NCBI Protein Information	myelomonocytic growth factor
UniProt Protein Name	Colony stimulating factor
UniProt Gene Name	CSF3

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/colony-stimulating-factor-csf/41427>