

Human Interleukin 33, IL-33 ELISA Kit | IL-33 elisa kit

Human Interleukin 33, IL-33 ELISA Kit

CATALOG #
AAA42885

REACTIVITY
Human

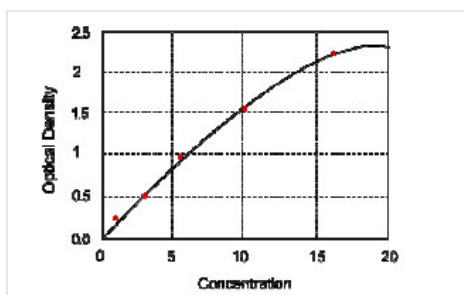
PRODUCT SYNONYMS

Interleukin 33; IL-33; Human Interleukin 33; IL-33 ELISA Kit; IL-33 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	144
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	10-2000ng/L
Sensitivity	5.36ng/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 IL-33 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Interleukin 33 (also known as IL-33) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human IL-33 antibody. IL-33 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human IL-33 Antibody is added and binds to IL-33 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL-33 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-33. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122337
NCBI GeneID	90865
NCBI Accession #	NP_001186570.1
NCBI GenBank Nucleotide #	NM_001199641.1
UniProt Accession #	O95760; Q2YEJ5; B2R8L1; B4DJ35; B4E1Q9; D3DRI5; E7EAX4
Molecular Weight	25,930 Da
NCBI Official Full Name	interleukin-33 isoform c
NCBI Official Synonym Full Names	interleukin 33
NCBI Official Symbol	IL33
NCBI Official Synonym Symbols	DVS27; IL1F11; NF-HEV; NFEHEV; C9orf26
NCBI Protein Information	interleukin-33
UniProt Protein Name	Interleukin-33
UniProt Gene Name	IL33
UniProt Synonym Gene Names	C9orf26; IL1F11; NFHEV; IL-33; IL-1F11; NF-HEV

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-33-il-33/42885>