

Human interleukin 33 ELISA Kit | IL33 elisa kit

Human Interleukin 33, IL-33 ELISA Kit

CATALOG #
AAA15607

REACTIVITY
Human

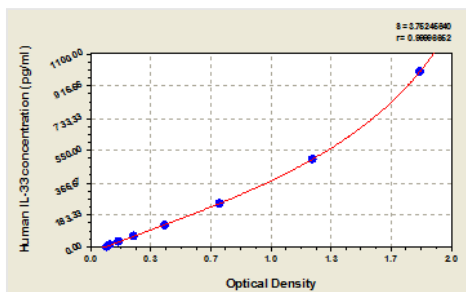
PRODUCT SYNONYMS

interleukin 33; Human Interleukin 33; IL-33 ELISA Kit; Human Interleukin 33 (IL-33) ELISA Kit; C9orf26; DKFZp586H0523; DVS27; NF-HEV; NFEHEV; RP11-575C20.2; DVS27-related protein; nuclear factor from high endothelial venules; IL33 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL-33. No significant cross-reactivity or interference between human IL-33 and analogues was observed.
Sequence Length	228
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL33 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-33 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-33 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-33 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-33 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313851030
NCBI GeneID	90865
NCBI Accession #	NP_001186569.1
NCBI GenBank Nucleotide #	NM_001199640.1
UniProt Accession #	O95760; Q2YEJ5; B2R8L1; B4DJ35; B4E1Q9; D3DRI5; E7EAX4
Molecular Weight	30,759 Da
NCBI Official Full Name	interleukin-33 isoform 2
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; IL-33; IL-1F11; DVS27-related protein; interleukin-1 family member 11; nuclear factor for high endothelial venules; nuclear factor from high endothelial venules
UniProt Protein Name	Interleukin-33
UniProt Gene Name	IL33
UniProt Synonym Gene Names	C9orf26; IL1F11; NFHEV; IL-33; IL-1F11; NF-HEV
UniProt Entry Name	IL33_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.