

Mouse interleukin 33 ELISA Kit | IL33 elisa kit

Mouse Interleukin 33, IL-33 ELISA Kit

CATALOG #
AAA80802

REACTIVITY
Mouse

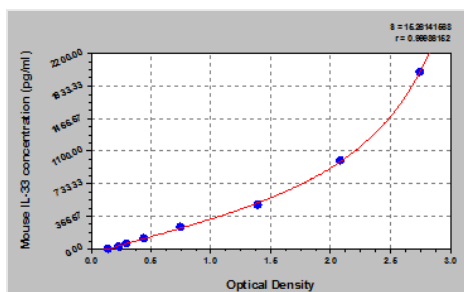
PRODUCT SYNONYMS

interleukin 33; Mouse Interleukin 33; IL-33 ELISA Kit; Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse IL33. No significant cross-reactivity or interference between Mouse IL33 and analogues was observed.
Sequence Length	266
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 #	257900495
NCBI GeneID	77125
NCBI Accession #	NP_001158196.1
NCBI GenBank Nucleotide #	NM_001164724.1
UniProt Accession #	Q8BVZ5; Q2YEJ4; Q3TQN0; Q99L46
Molecular Weight	29,991 Da
NCBI Official Full Name	interleukin-33
NCBI Official Synonym Full Names	interleukin 33
NCBI Official Symbol	IL33
NCBI Official Synonym Symbols	IL-33; IL1f11; NF-HEV; 9230117N10Rik
NCBI Protein Information	interleukin-33; nuclear factor from high endothelial venules
UniProt Protein Name	Interleukin-33
UniProt Gene Name	IL33
UniProt Synonym Gene Names	IL-33
UniProt Entry Name	IL33_MOUSE

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://www.aaabiotech.com/il33-mouse-elisa-kits/interleukin-33/80802>