

Pig Interleukin 3 ELISA Kit | IL-3 elisa kit

Pig Interleukin 3 (IL-3) ELISA Kit

CATALOG # AAA55687	REACTIVITY Pig
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PRODUCT SYNONYMS

Interleukin 3; Pig Interleukin 3 (IL-3) ELISA Kit; IL-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig IL-3. No significant cross-reactivity or interference between Pig IL-3 and analogues was observed.
Sequence Length	152
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-3 elisa kit	Intended Uses: For the quantitative detection of Pig Interleukin 3 (IL-3) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL-3 in Pig serum, plasma. An antibody specific for IL-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-3 is added to the wells. After washing, Streptavidin 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-3 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 #	28416915
NCBI GeneID	3562
NCBI Accession #	NP_000579.2
NCBI GenBank Nucleotide #	NM_000588.3
Molecular Weight	17,233 Da

NCBI Official Full Name	interleukin-3
NCBI Official Synonym Full Names	interleukin 3
NCBI Official Symbol	IL3
NCBI Official Synonym Symbols	IL-3; MCGF; MULTI-CSF
NCBI Protein Information	interleukin-3; mast cell growth factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; hematopoietic growth factor; colony-stimulating factor, multiple; multilineage-colony-stimulating factor; multipotential colony-stimulating factor
UniProt Protein Name	Interleukin-3
UniProt Gene Name	IL3
UniProt Synonym Gene Names	IL-3; MCGF
UniProt Entry Name	IL3_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.

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Online datasheet: <https://www.aaabiotech.com/il-3-pig-elisa-kits/interleukin-3/55687>