

Cat Interleukin-10 ELISA Kit | IL-10 elisa kit

Cat Interleukin-10 (IL10) ELISA Kit

CATALOG #
AAA55861

REACTIVITY
Cat

PRODUCT SYNONYMS

Interleukin-10; Cat Interleukin-10 (IL10) ELISA Kit; CSIF; IL-10; IL10A; MGC126450; MGC126451; TGIF; cytokine synthesis inhibitory factor; IL-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Specificity	This assay has high sensitivity and excellent specificity for detection of Cat IL-10. No significant cross-reactivity or interference between Cat IL-10 and analogues was observed.
Sequence Length	178
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	3.12 pg/mL - 200 pg/mL
Sensitivity	1.56 pg/mL (mean of 6 independent assays)
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-10 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL-10 in Cat serum, plasma. An antibody specific for IL-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-10 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-10 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Cat Interleukin 10 (IL-10) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57163743
NCBI GeneID	493683
NCBI Accession #	NP_001009209.1
NCBI GenBank Nucleotide #	NM_001009209.1
UniProt Accession #	P55029 ; Q9TSJ7

Molecular Weight	20,575 Da
NCBI Official Full Name	interleukin-10
NCBI Official Symbol	IL10
NCBI Protein Information	interleukin-10
UniProt Protein Name	Interleukin-10
UniProt Gene Name	IL10
UniProt Synonym Gene Names	IL-10; CSIF

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/il-10-cat-elisa-kits/interleukin-10/55861>