

Mouse IL-10 ELISA Kit | IL-10 elisa kit

Mouse IL-10 ELISA Kit

CATALOG # AAA332573	REACTIVITY Mouse	APPLICATIONS ELISA
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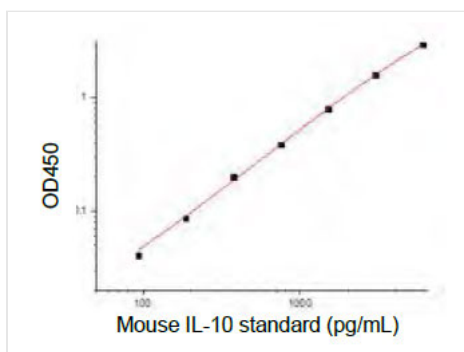
PRODUCT SYNONYMS

IL-10; Mouse IL-10 ELISA Kit; IL 10; IL10; CSIF; IL10A; MGC126450; MGC126451; TGIF; cytokine synthesis inhibitory factor; IL-10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse IL-10 ELISA Kit has high sensitivity and excellent specificity for detection of MouseIL-10. No significant cross-reactivity or interference between Mouse IL-10 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, Plasma, Cell culture supernatants
Detection Range	93.75 pg/mL-6,000 pg/mL
Sensitivity	50 pg/mL
Applicable Applications for IL-10 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision: The CV (%)?10%.
Inter-assay Precision	Inter-assay Precision :The CV (%)?12%
Preparation and Storage	The unopened kit should be stored at 2 - 8 degree C. After opening, please store refer to protocols.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-10 elisa kit	Principle of the Assay: Interleukin-10 is a small protein known as a cytokine that functions as an important regulator of the immune system. IL-10 is known to have many roles in the immune system, its two major activities include inhibition of cytokine production by macrophages and inhibition of the accessory functions of macrophages during T cell activation. Mouse IL-10 ELISA Kit employs a double antibody sandwich method to quantitate Mouse IL-10 in samples. An antibody specific for Mouse IL-10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Mouse IL-10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Mouse IL-10 is added to the wells. After washing, proprietary Streptavidin-HRP conjugates are added to the wells. Following a wash to remove any unbound streptavidin-enzyme reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450nm wavelength. The IL-10 concentration is proportional to the OD450 nm value.
Product Categories/Family for IL-10 elisa kit	ELISA Assay Kit; Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754318
NCBI GeneID	16153
NCBI Accession #	NP_034678.1
NCBI GenBank Nucleotide #	NM_010548.2
UniProt Accession #	P18893; Q0VBJ1
Molecular Weight	20,641 Da
NCBI Official Full Name	interleukin-10
NCBI Official Synonym Full Names	interleukin 10
NCBI Official Symbol	IL10
NCBI Official Synonym Symbols	CSIF; IL-10
NCBI Protein Information	interleukin-10; cytokine synthesis inhibitory factor
UniProt Protein Name	Interleukin-10
UniProt Gene Name	IL10
UniProt Synonym Gene Names	IL-10; IL-10; CSIF
UniProt Entry Name	IL10_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.