

## ARG82992 Mouse IL10 ELISA Kit

Package: 96 wells  
Store at: 4°C or -20°C  
(depending on the component)

### Component

Cat. No.	Component Name	Package	Temp
ARG82992-01	Antibody Coated Microplate	8 X 12 strips	4°C
ARG82992-02	Standard	3 X 0.5 ng/vial	4°C
ARG82992-03	Standard / Sample Diluent Buffer	20 ml	4°C
ARG82992-04	100X Antibody Conjugate Concentrate	1 vial	≤ -20°C
ARG82992-05	100X HRP-Streptavidin Solution	1 vial	4°C (protect from light)
ARG82992-06	Antibody Diluent Buffer	30 ml	4°C
ARG82992-07	20X Wash Buffer	45 ml	4°C (protect from light)
ARG82992-08	TMB Substrate	12 ml	4°C (protect from light)
ARG82992-09	Stop Solution	12 ml	4°C
ARG82992-10	Plate sealer	3 adhesive strips	Room temperature

### Summary

Product Description	ARG82992 Mouse IL10 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL10 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	IL10
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	3.9 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	7.8 - 500 pg/ml
Sample Volume	50 µl
Alternate Names	IL10A; GVHDS; TGIF; IL-10; Cytokine synthesis inhibitory factor; CSIF; Interleukin-10

## Application Instructions

Assay Time 4.5 hours

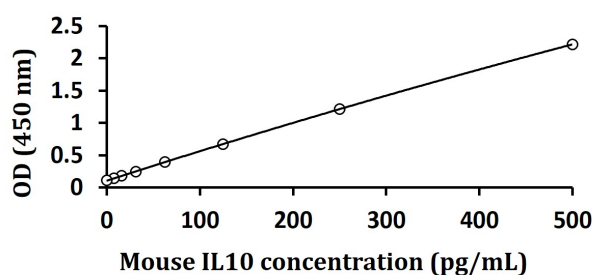
## Properties

Form	96 well
Storage instruction	Store components at 4°C or -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	IL10
Gene Full Name	interleukin 10
Background	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. [provided by RefSeq]
Highlight	Related products: <a href="#">IL10 antibodies</a> ; <a href="#">IL10 ELISA Kits</a> ; <a href="#">IL10 recombinant proteins</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
Research Area	Cancer kit; Immune System kit

## Images



ARG82992 Mouse IL10 ELISA Kit standard curve image

ARG82992 Mouse IL10 ELISA Kit results of a typical standard run with optical density reading at 450 nm.