

ARG80199 Mouse IL6 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80199-001	Antibody-coated microplate	8 X 12 strips	4°C.
ARG80199-002	Standard (Lyophilized)	3 X 1 ng/vial	4°C
ARG80199-003	Standard/Sample Diluent Buffer	20 ml	4°C
ARG80199-004	100X Antibody conjugate concentrate	120 µl	4°C
ARG80199-005	Antibody diluent buffer	30 ml	4°C
ARG80199-006	40X HRP-Streptavidin concentrate	300 µl	4°C (Protect from light)
ARG80199-007	20X Wash buffer	45 ml	4°C
ARG80199-008	TMB substrate	12ml	4°C (Protect from light)
ARG80199-009	STOP solution	12ml	4°C
ARG80199-010	Plate sealer	3 strips	Room temperature

Summary

Product Description	ARG80199 Mouse IL6 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IL6 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human IL-6, rat IL-6, porcine IL-6
Target Name	IL6
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	8 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	B-cell stimulatory factor 2; CDF; HSF; BSF-2; Interferon beta-2; IL-6; IFNB2; CTL differentiation factor;

Application Instructions

Assay Time 4 hours

Properties

Form 96 well

Storage instruction Store the kit at 2-8°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

Database links [GeneID: 16193 Mouse](#)

[Swiss-port # P08505 Mouse](#)

Gene Symbol IL6

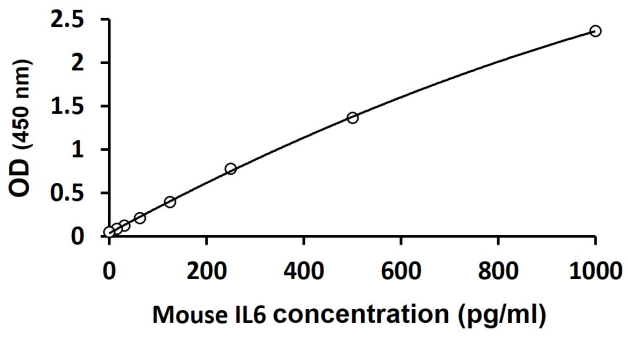
Gene Full Name interleukin 6

Background This gene encodes a cytokine that functions in inflammation and the maturation of B cells. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. [provided by RefSeq]

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PTM N- and O-glycosylated.



ARG80199 Mouse IL6 ELISA Kit standard curve image

ARG80199 Mouse IL6 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
