ARG83811
Mouse IgE ELISA Kit

Package: 96 wells
Store at: 4°C, -20°C

Summary

Product Description	ARG83811 Mouse IgE ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse IgE in serum, plasma and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	IgE
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	19.53 pg/ml
Sample Type	serum, plasma and cell culture supernatants.
Standard Range	39.06 – 2500 pg/ml
Sample Volume	50 µl
Alternate Names	Immunoglobulin E

Application Instructions

Assay Time	4 hours

Properties

Form	96 well
Storage instruction	Store the kit at 4°C, -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.

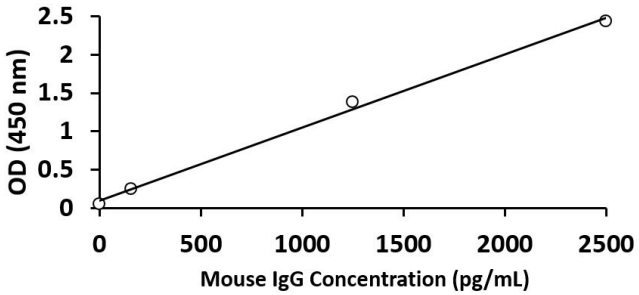
Bioinformation

Gene Symbol	IGHE
Gene Full Name	immunoglobulin heavy constant epsilon
Background	Immunoglobulin E (IgE) is a 180 kDa soluble protein serving as an antigen-specific unit of mast cell effector mechanisms. IgE has the lowest serum concentration of all immunoglobulins (approximately 0.5 mg/l) in healthy individuals, but upon allergen challenge its concentration in blood increases dramatically. Although biological survival of free IgE is very short (T1/2 = 2 days), it is stabilized after binding to its high affinity receptor. Unlike IgM- IgG- and IgA-committed B cells, IgE-switched B cells do not undergo clonal expansion.
Highlight	Related products: IgE ELISA Kits; New ELISA data calculation tool:

Simplify the ELISA analysis by GainData

Research Area	Immune System kit

Images



ARG83811 Mouse IgE ELISA Kit standard curve image

ARG83811 Mouse IgE ELISA Kit results of a typical standard run with optical density reading at 450 nm.