

Product Datasheet

Mouse IgE ELISA Kit (Colorimetric) KA1944

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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KA1944**Mouse IgE ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Description	IgE (Mouse) ELISA Kit is a highly sensitive two-site enzyme-linked immunoassay for the quantitative determination of IgE in mouse biological samples.
Gene ID	3497
Gene Symbol	IGHE
Species	Mouse
Kit Components	Diluent Concentrate (Running Buffer): One bottle containing 5X concentrated diluent running buffer., Wash Solution Concentrate: One bottle containing a 20X concentrated wash solution., Enzyme-Antibody Conjugate 100x: One vial containing affinity purified anti-Mouse IgE antibody conjugated with horseradish peroxidase in a stabilizing buffer., Chromogen-Substrate Solution: One vial containing 3,3',5,5'-tetramethylbenzidine (TMB) and hydrogen peroxide in citric acid buffer at pH 3.3., Stop Solution: One vial containing 0.3 M sulfuric acid. WARNING: Avoid contact with skin., Anti-Mouse IgE ELISA Micro Plate: Twelve removable eight (8) well micro well strips in well holder frame. Each well is coated with affinity purified anti-Mouse IgE., Mouse IgE Calibrator: One vial containing a lyophilized Mouse IgE calibrator.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	6.25 to 400 ng/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Plasma, Serum
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Useful for quantification. ELISA usage reported in scientific literature (PMID: 25396426).

Publications

Johnathan M, Gan SH, Ezumi MF et al. Phytochemical profiles and inhibitory effects of Tiger Milk mushroom (*Lignosus rhinocerus*) extract on ovalbumin-induced airway inflammation in a rodent model of asthma. *BMC Complement Altern Med* 2016-06-03 [PMID: 27255587]

Seo JH, Bang MA, Kim G et al. Erythronium japonicum attenuates histopathological lung abnormalities in a mouse model of ovalbumin-induced asthma. *Int J Mol Med* 2016-05-01 [PMID: 27035741]

Hussain Z, Katas H, Mohd Amin MC, Kumolosasi E Efficient immuno-modulation of TH1/TH2 biomarkers in 2,4-dinitrofluorobenzene-induced atopic dermatitis: nanocarrier-mediated transcutaneous co-delivery of anti-inflammatory and antioxidant drugs. *PLoS One* 2014-11-14 [PMID: 25396426] (ELISA)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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