

Mouse Eotaxin 1 Antibody Pair Set

Catalog No. E-KAB-0598
Synonyms Eotaxin 1;SCYA11

Applications ELISA

Kit components & Storage

Title	Specifications	Storage
Mouse Eotaxin 1 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse Eotaxin 1 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

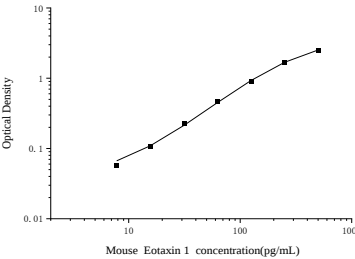
Product Information

Items		Characteristic (E-KAB-0598)	
		Mouse Eotaxin 1 Capture Antibody	Mouse Eotaxin 1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse Eotaxin 1 protien	Recombinant Mouse Eotaxin 1 protien
	Swissprot	P48298	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse Eotaxin 1 in ELISAs.	

For Research Use Only

Applications

Mouse Eotaxin 1 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse Eotaxin 1 Capture Antibody	 <table><caption>Standard Curve Data (Estimated)</caption><thead><tr><th>Mouse Eotaxin 1 concentration (pg/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>10</td><td>0.05</td></tr><tr><td>20</td><td>0.1</td></tr><tr><td>50</td><td>0.3</td></tr><tr><td>100</td><td>0.8</td></tr><tr><td>200</td><td>1.5</td></tr><tr><td>500</td><td>3.0</td></tr><tr><td>1000</td><td>5.0</td></tr></tbody></table>	Mouse Eotaxin 1 concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.3	100	0.8	200	1.5	500	3.0	1000	5.0
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ELISA Detection	1:1000-1:10000	Mouse Eotaxin 1 Detection Antibody (Biotin)																	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils (a prominent feature of allergic inflammatory reactions), but not lymphocytes, macrophages or neutrophils.