

## Mouse Eotaxin 1 Antibody Pair Set

Catalog No. E-KAB-0598

Applications

ELISA

Synonyms Eotaxin 1;SCYA11

### Kit components & Storage

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

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

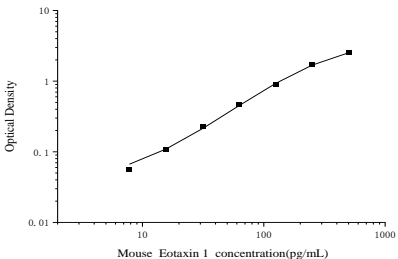
### Product Information

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	 <p>The graph is a log-log plot. The x-axis is labeled 'Mouse Eotaxin 1 concentration(pg/mL)' and ranges from 10 to 1000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve, indicating a positive correlation between the concentration of Mouse Eotaxin 1 and the optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</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>2.0</td> </tr> <tr> <td>500</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	2.0	500	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