

Rat GRO γ /CXCL3 Antibody Pair Set

Catalog No.	E-KAB-0625	Applications	ELISA
Synonyms	CXCL3;CINC-2b;GRO3;GROg;MIP-2b;MIP2B;SCYB3		

Kit components & Storage

Title	Specifications	Storage
Rat GRO γ /CXCL3 Capture Antibody	1 vial, 100 μ g	Store at -20°C for one year. Avoid freeze/thaw cycles.
Rat GRO γ /CXCL3 Detection Antibody (Biotin)	1 vial, 50 μ L	Store at -20°C for one year. Avoid freeze/thaw cycles.

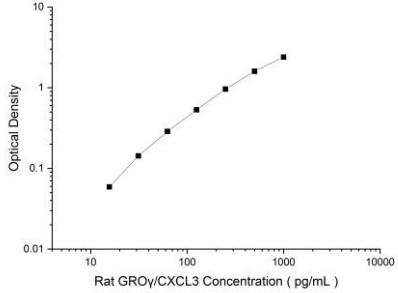
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0625)	
		Rat GRO γ /CXCL3 Capture Antibody	Rat GRO γ /CXCL3 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Rat GRO γ /CXCL3 protien	Recombinant Rat GRO γ /CXCL3 protien
	Swissprot	Q10746	
Product details	Reactivity	Rat	Rat
	Host	Mouse	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	Protein A or G	Antigen Affinity
	Specificity	Detects Rat GRO γ /CXCL3 in ELISAs.	

Applications

Rat GRO γ /CXCL3 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 μ g/mL	Rat GRO γ /CXCL3 Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Rat GROγ/CXCL3 Concentration (pg/mL). The x-axis ranges from 10 to 10,000 pg/mL, and the y-axis ranges from 0.01 to 10. The data points show a clear upward trend, indicating that as the concentration of Rat GROγ/CXCL3 increases, the optical density also increases.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Rat GROγ/CXCL3 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>0.2</td> </tr> <tr> <td>100</td> <td>0.4</td> </tr> <tr> <td>200</td> <td>0.8</td> </tr> <tr> <td>500</td> <td>1.5</td> </tr> <tr> <td>1000</td> <td>2.5</td> </tr> </tbody> </table>	Rat GRO γ /CXCL3 Concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.8	500	1.5	1000	2.5
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ELISA Detection	1:1000-1:10000	Rat GRO γ /CXCL3 Detection Antibody (Biotin)																	

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

Background

Ligand for CXCR2. Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.