

## Mouse ANGPTL3 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0288	<b>Applications</b>	ELISA
<b>Synonyms</b>	ANGPTL3, ANG-5, ANGPT5, ANL3, FHBL2, angiopoietin like 3		

### Kit components & Storage

Title	Specifications	Storage
Mouse ANGPTL3 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze / thaw cycles.
Mouse ANGPTL3 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze / thaw cycles.

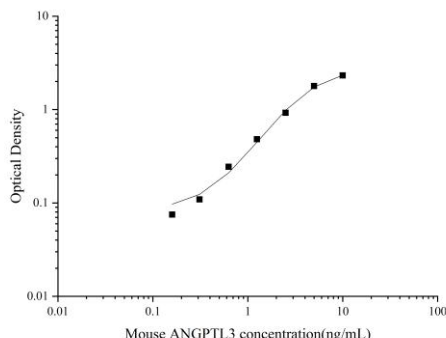
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0288)	
		Mouse ANGPTL3 Capture Antibody	Mouse ANGPTL3 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse ANGPTL3 protein	Recombinant Mouse ANGPTL3 protein
	Swissprot	Q9R182	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A or G	Antigen Affinity
	Specificity	Detects Mouse ANGPTL3 in ELISAs.	

## Applications

Mouse ANGPTL3 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4μg/mL	Mouse ANGPTL3 Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Mouse ANGPTL3 concentration (ng/mL). The x-axis ranges from 0.01 to 100 ng/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 Mouse ANGPTL3 increases, the optical density also increases. The curve is smooth and passes through several data points.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse ANGPTL3 concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.08</td> </tr> <tr> <td>0.2</td> <td>0.12</td> </tr> <tr> <td>0.5</td> <td>0.25</td> </tr> <tr> <td>1</td> <td>0.5</td> </tr> <tr> <td>2</td> <td>1.0</td> </tr> <tr> <td>5</td> <td>2.5</td> </tr> <tr> <td>10</td> <td>4.0</td> </tr> </tbody> </table>	Mouse ANGPTL3 concentration (ng/mL)	Optical Density	0.1	0.08	0.2	0.12	0.5	0.25	1	0.5	2	1.0	5	2.5	10	4.0
Mouse ANGPTL3 concentration (ng/mL)	Optical Density																		
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ELISA Detection	1:1000-1:10000	Mouse ANGPTL3 Detection Antibody (Biotin)																	

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

## Background

This gene encodes a member of a family of secreted proteins that function in angiogenesis. The encoded protein, which is expressed predominantly in the liver, is further processed into an N-terminal coiled-coil domain-containing chain and a C-term