

## Human CXCL17 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0542	<b>Applications</b>	ELISA
<b>Synonyms</b>	Chemokine C-X-C-Motif Ligand 7;DMC;Dendritic cell and monocyte chemokine-like protein;SCYB17		

### Kit components & Storage

Title	Specifications	Storage
Human CXCL17 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human CXCL17 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.

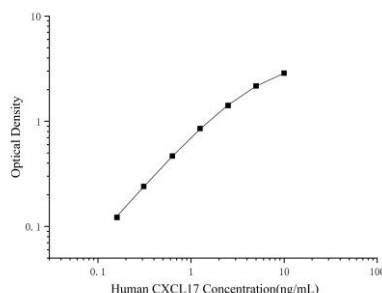
### Product Information

Items		Characteristic (E-KAB-0542)	
		Human CXCL17 Capture Antibody	Human CXCL17 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CXCL17 protien	Recombinant Human CXCL17 protien
	Swissprot	Q6UXB2	
Product details	Reactivity	Human	Human
	Host	Sheep	Sheep
	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 Human CXCL17 in ELISAs.	

### For Research Use Only

## Applications

### Human CXCL17 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Human CXCL17 Capture Antibody	 <p>The graph is a log-log plot of Optical Density versus Human CXCL17 Concentration (ng/mL). The x-axis ranges from 0.1 to 100 ng/mL, and the y-axis ranges from 0.1 to 10. The data points form a smooth, upward-sloping curve, indicating a positive correlation between concentration and optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Human CXCL17 Concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.15</td> </tr> <tr> <td>0.2</td> <td>0.3</td> </tr> <tr> <td>0.5</td> <td>0.6</td> </tr> <tr> <td>1</td> <td>1.0</td> </tr> <tr> <td>2</td> <td>1.5</td> </tr> <tr> <td>5</td> <td>2.5</td> </tr> <tr> <td>10</td> <td>3.5</td> </tr> </tbody> </table>	Human CXCL17 Concentration (ng/mL)	Optical Density	0.1	0.15	0.2	0.3	0.5	0.6	1	1.0	2	1.5	5	2.5	10	3.5
Human CXCL17 Concentration (ng/mL)	Optical Density																		
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ELISA Detection	1:1000-1:10000	Human CXCL17 Detection Antibody (Biotin)																	

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

## Background

Chemokine that acts as a chemoattractant for monocytes, macrophages and dendritic cells. Plays a role in angiogenesis and possibly in the development of tumors. Acts as an anti-inflammatory in the stomach. May play a role in the innate defense against infections. Activates the C-X-C chemokine receptor GPR35 to induce a rapid and transient rise in the level of intracellular calcium ions.