

## Human ANGPTL3 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0413	<b>Applications</b>	ELISA
<b>Synonyms</b>	ANGPTL3;ANG-5;ANGPT5;ANL3;FHBL2;angiopoietin like 3		

### Kit components & Storage

Title	Specifications	Storage
Human ANGPTL3 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human 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-0413)	
		Human ANGPTL3 Capture Antibody	Human ANGPTL3 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human ANGPTL3 protien	Recombinant Human ANGPTL3 protien
	Swissprot	Q9Y5C1	
Product details	Reactivity	Human	Human
	Host	Rat	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	Protein A or G	Antigen Affinity
	Specificity	Detects Human ANGPTL3 in ELISAs.	

**For Research Use Only**

## Applications

### Human ANGPTL3 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images										
ELISA Capture	0.5-4 µg/mL	Human ANGPTL3 Capture Antibody	<table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Human ANGPTL3 Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.05</td> </tr> <tr> <td>100</td> <td>0.2</td> </tr> <tr> <td>1000</td> <td>0.8</td> </tr> <tr> <td>10000</td> <td>2.5</td> </tr> </tbody> </table>	Human ANGPTL3 Concentration (pg/mL)	Optical Density	10	0.05	100	0.2	1000	0.8	10000	2.5
Human ANGPTL3 Concentration (pg/mL)	Optical Density												
10	0.05												
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ELISA Detection	1:1000-1:10000	Human 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