

Human CLU Antibody Pair Set

Catalog No. E-KAB-0155 **Applications** ELISA
Synonyms APO-J, APOJ, CLI, KUB1, NA1/NA2, SGP2, SP-40, TRPM2

Kit components & Storage

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

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

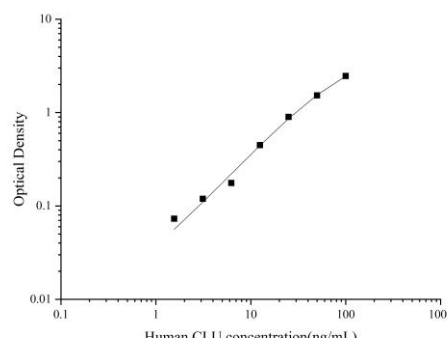
Product Information

Items		Characteristic (E-KAB-0155)	
		Human CLU Capture Antibody	Human CLU Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CLU protein	Recombinant Human CLU protein
	Swissprot	P10909	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	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	Protein A or G
	Specificity	Detects Human CLU in ELISAs.	

For Research Use Only

Applications

Human CLU Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4μg/mL	Human CLU Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Human CLU concentration (ng/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>1</td><td>0.05</td></tr><tr><td>2</td><td>0.1</td></tr><tr><td>5</td><td>0.2</td></tr><tr><td>10</td><td>0.4</td></tr><tr><td>20</td><td>0.8</td></tr><tr><td>50</td><td>1.5</td></tr><tr><td>100</td><td>3.0</td></tr></tbody></table>	Human CLU concentration (ng/mL)	Optical Density	1	0.05	2	0.1	5	0.2	10	0.4	20	0.8	50	1.5	100	3.0
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ELISA Detection	1:1000-1:10000	Human CLU Detection Antibody (Biotin)																	

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

Background

Clusterin (Apolipoprotein J) is a 75-80 kDa heterodimeric glycoprotein produced by a wide array of tissues and found in most biologic fluids . It is encoded by one single gene and cleaved posttranslationally into α and β subunits prior to secretion from the cell. Many functions have been described for clusterin, including regulating apoptosis, transporting lipids, controlling cell interactions, regulating complement .

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