

Human CA72-4 Antibody Pair Set

Catalog No.	E-KAB-0285	Applications	ELISA
Synonyms	CA 72-4, CA 72-4, Cancer Antigen 72-4, Carbohydrate Antigen 72-4		

Kit components & Storage

Title	Specifications	Storage
Human CA72-4 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze / thaw cycles.
Human CA72-4 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze / thaw cycles.

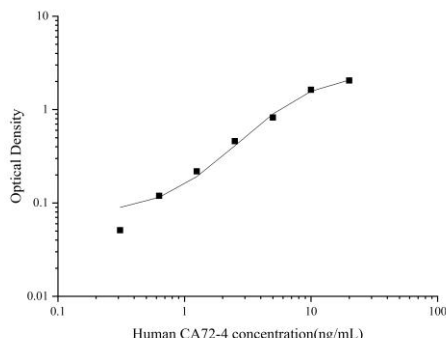
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0285)	
		Human CA72-4 Capture Antibody	Human CA72-4 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Native Protein	Native Protein
	Swissprot	/	
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	Protein A
	Specificity	Detects Human CA72-4 in ELISAs.	

Applications

Human CA72-4 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images														
ELISA Capture	0.5-4µg/mL	Human CA72-4 Capture Antibody	 <p>The graph displays a standard curve for the Human CA72-4 Sandwich ELISA Assay. The x-axis represents Human CA72-4 concentration in ng/mL on a logarithmic scale from 0.1 to 100. The y-axis represents Optical Density on a logarithmic scale from 0.01 to 10. The data points show a clear upward trend, indicating that as the concentration of Human CA72-4 increases, the optical density also increases.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Human CA72-4 concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>0.1</td> <td>0.05</td> </tr> <tr> <td>0.5</td> <td>0.15</td> </tr> <tr> <td>1</td> <td>0.25</td> </tr> <tr> <td>5</td> <td>0.8</td> </tr> <tr> <td>10</td> <td>1.5</td> </tr> <tr> <td>20</td> <td>2.5</td> </tr> </tbody> </table>	Human CA72-4 concentration (ng/mL)	Optical Density	0.1	0.05	0.5	0.15	1	0.25	5	0.8	10	1.5	20	2.5
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ELISA Detection	1:1000-1:10000	Human CA72-4 Detection Antibody (Biotin)															

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

Background

An immunoassay that detects tumor-associated glycoprotein 72, an antigen found on many mucin-secreting gastrointestinal cancers.