

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℃ for one year. Avoid freeze / thaw cycles.
Human CA72-4 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.

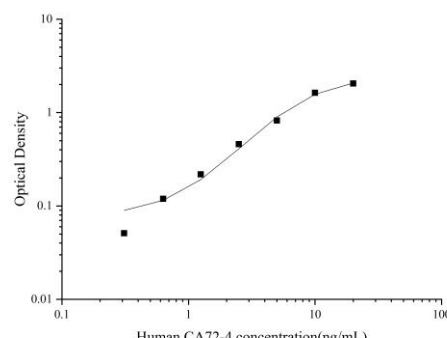
Product Information

Items		Characteristic (E-KAB-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.	

For Research Use Only

Applications

Human CA72-4 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4μg/mL	Human CA72-4 Capture Antibody	 <table><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>2</td><td>0.45</td></tr><tr><td>5</td><td>0.85</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	2	0.45	5	0.85	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.

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