

Chicken IgY Antibody Pair Set

Catalog No. E-KAB-0400

Applications

ELISA

Synonyms Immunoglobulin Y;IgY

Kit components & Storage

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

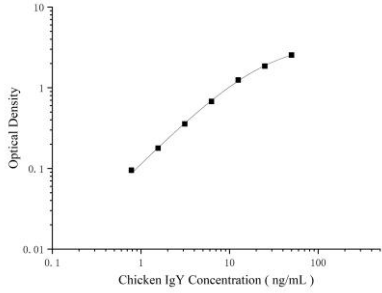
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0400)	
		Chicken IgY Capture Antibody	Chicken IgY Detection Antibody (Biotin)
Immunogen Information	Immunogen	Natural Chicken IgY protien	Natural Chicken IgY protien
	Swissprot	/	
Product details	Reactivity	Chicken	Chicken
	Host	Rabbit	Rabbit
	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 Chicken IgY in ELISAs.	

Applications

Chicken IgY Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																		
ELISA Capture	0.5-4 µg/mL	Chicken IgY Capture Antibody	 <table border="1"> <caption>Approximate data points from the standard curve graph</caption> <thead> <tr> <th>Chicken IgY Concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>0.5</td> <td>0.1</td> </tr> <tr> <td>1</td> <td>0.2</td> </tr> <tr> <td>2</td> <td>0.4</td> </tr> <tr> <td>5</td> <td>0.8</td> </tr> <tr> <td>10</td> <td>1.2</td> </tr> <tr> <td>20</td> <td>1.8</td> </tr> <tr> <td>50</td> <td>2.5</td> </tr> <tr> <td>100</td> <td>3.0</td> </tr> </tbody> </table>	Chicken IgY Concentration (ng/mL)	Optical Density	0.5	0.1	1	0.2	2	0.4	5	0.8	10	1.2	20	1.8	50	2.5	100	3.0
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ELISA Detection	1:1000-1:10000	Chicken IgY Detection Antibody (Biotin)																			

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

Background

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. NF-H has an important function in mature axons that is not subserved by the two smaller NF proteins.