

Rat IgG2a Antibody Pair Set

Catalog No. E-KAB-0630

Applications

ELISA

Synonyms IgG2a

Kit components & Storage

Title	Specifications	Storage
Rat IgG2a Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Rat IgG2a 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.

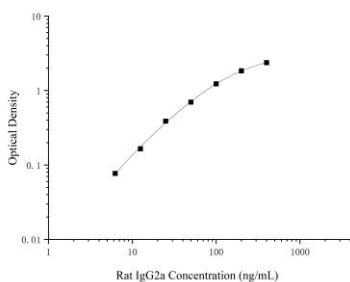
Product Information

Items		Characteristic (E-KAB-0630)	
		Rat IgG2a Capture Antibody	Rat IgG2a Detection Antibody (Biotin)
Immunogen Information	Immunogen	Natural Rat IgG2a protien	Natural Rat IgG2a protien
	Swissprot	/	
Product details	Reactivity	Rat	Rat
	Host	Mouse	Goat
	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 Rat IgG2a in ELISAs.	

For Research Use Only

Applications

Rat IgG2a Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Rat IgG2a Capture Antibody	
ELISA Detection	1:1000-1:10000	Rat IgG2a Detection Antibody (Biotin)	

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

Background

There are four IgG subclasses (IgG1, 2, 3 and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant). The IgG2a Ig subclass plays a critical role in the pathogenesis of humoral auto-immunity and protection against pathogens.

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