

Monkey sCD14 Antibody Pair Set

Catalog No.	E-KAB-0663	Applications	ELISA
Synonyms	CD14 Antigen; Monocyte Differentiation Antigen CD14		

Kit components & Storage

Title	Specifications	Storage
Monkey sCD14 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Monkey sCD14 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

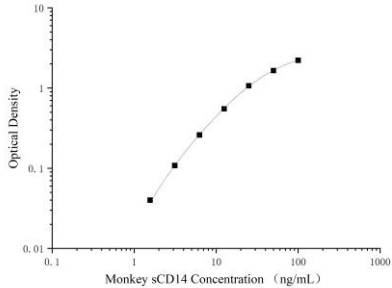
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0663)	
		Monkey sCD14 Capture Antibody	Monkey sCD14 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Monkey sCD14 protein	Recombinant Monkey sCD14 protein
	Swissprot	Q95M53	
Product details	Reactivity	Monkey	Monkey
	Host	Mouse	Sheep
	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 Monkey sCD14 in ELISAs.	

Applications

Monkey sCD14 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Monkey sCD14 Capture Antibody	
ELISA Detection	1:1000-1:10000	Monkey sCD14 Detection Antibody (Biotin)	

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

Background

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein. CD14 is preferentially expressed on monocytes and macrophages. CD14 acts as a co-receptor (along with TLR4 and MD-2) for bacterial liposaccharides (LPS). It plays a major role in the inflammatory response of monocytes to LPS.