Monkey αFP Antibody Pair Set

Catalog No. E-KAB-0653 **Applications** ELISA
Synonyms AFP;FETA;HPAFP;Alpha-fetoglobulin;oralpha fetal protein

Kit components & Storage

Title	Specifications	Storage
Monkey αFP Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Monkey αFP Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

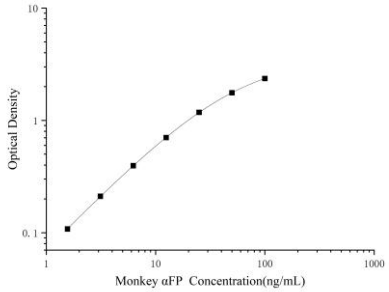
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0653)	
		Monkey αFP Capture Antibody	Monkey αFP Detection Antibody (Biotin)
Immunogen Information	Immunogen	Native Protein	Native Protein
	Swissprot	/	
Product details	Reactivity	Monkey	Monkey
	Host	Mouse	Mouse
	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	Protein A or G
	Specificity	Detects Monkey αFP in ELISAs.	

Applications

Monkey αFP Sandwich ELISA Assay:

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

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

Background

alpha-Fetoprotein (AFP) ;is albuminoid superfamily protein that is synthesized in the fetus primarily by the liver;yolk sac;and tissues of gastrointestinal origin. It is one of the earliest markers of the hepatocyte lineage. AFP acts as a carrier protein for steroids;bilirubin;fatty acids;retinoids;and flavonoids. In addition;it can exert immunosuppressive activity;regulate cell proliferation and apoptosis;initiate intracellular signaling;and contribute to cell invasion. Altered levels of both fetal and maternal AFP have been associated with hypothyroidism;autoimmune disorders;and heart defects. Low maternal serum AFP levels are associated with a higher incidence of Down syndrome;whereas higher levels are associated with spina bifida and anencephaly. Elevated AFP levels are also coincident with liver;stomach;and germ cell cancers.