Human ACV-A Antibody Pair Set

Catalog No. E-KAB-0647 **Applications** ELISA
Synonyms ACV-A;Activin Beta A Beta A Homodimer

Kit components & Storage

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

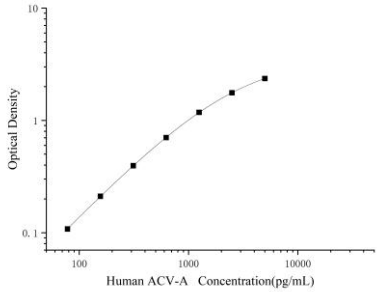
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0647)	
		Human ACV-A Capture Antibody	Human ACV-A Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human ACV-A protien	Recombinant Human ACV-A protien
	Swissprot	P08476	
Product details	Reactivity	Human	Human
	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 Human ACV-A in ELISAs.	

Applications

Human ACV-A Sandwich ELISA Assay:

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

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

Background

The inhibin beta A subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumor-suppressor activity. In addition , serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion , it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore , the beta A subunit forms a homodimer , activin A , and also joins with a beta B subunit to form a heterodimer , activin AB , both of which stimulate FSH secretion. Finally , it has been shown that the beta A subunit mRNA is identical to the erythroid differentiation factor subunit mRNA and that only one gene for this mRNA exists in the human genome.