

Human IL-1ra/IL-1F3 Antibody Pair Set

Catalog No.	E-KAB-0478	Applications	ELISA
Synonyms	IL1RN;DIRA;ICIL-1RA;IL-1RN;IL-1RA;IL-1ra3;IL1F3;IL1RA;IRAP;MVCD4		

Kit components & Storage

Title	Specifications	Storage
Human IL-1ra/IL-1F3 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human IL-1ra/IL-1F3 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

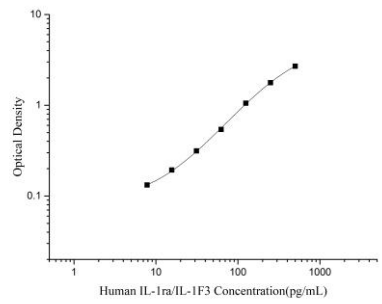
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0478)	
		Human IL-1ra/IL-1F3 Capture Antibody	Human IL-1ra/IL-1F3 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human IL-1ra/IL-1F3 protien	Recombinant Human IL-1ra/IL-1F3 protien
	Swissprot	P18510	
Product details	Reactivity	Human	Human
	Host	Mouse	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	Protein A or G	Antigen Affinity
	Specificity	Detects Human IL-1ra/IL-1F3 in ELISAs.	

Applications

Human IL-1ra/IL-1F3 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human IL-1ra/IL-1F3 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human IL-1ra/IL-1F3 Detection Antibody (Biotin)	

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

Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.