

## Human ISG15 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0513	<b>Applications</b>	ELISA
<b>Synonyms</b>	G1P2;IFI15;IP17;UCRP;Interferon-induced 17 kDa protein;ISG15 ubiquitin-like modifier		

### Kit components & Storage

Title	Specifications	Storage
Human ISG15 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Human ISG15 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.

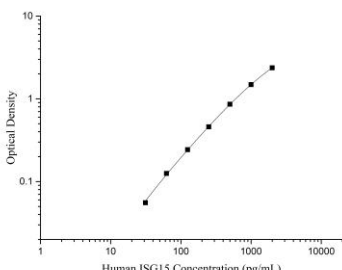
### Product Information

Items		Characteristic (E-KAB-0513)	
		Human ISG15 Capture Antibody	Human ISG15 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human ISG15 protien	Recombinant Human ISG15 protien
	Swissprot	P05161	
Product details	Reactivity	Human	Human
	Host	Goat	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	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human ISG15 in ELISAs.	

### For Research Use Only

## Applications

### Human ISG15 Sandwich ELISA Assay

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Human ISG15 Capture Antibody	
ELISA Detection	1:1000-1:10000	Human ISG15 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 ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted.

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