

Human IP-10/CXCL10 Antibody Pair Set

Catalog No.	E-KAB-0202	Applications	ELISA
Synonyms	C7, IFI10, INP10, SCYB10, crg-2, gIP-10, mob-1		

Kit components & Storage

Title	Specifications	Storage
Human IP-10/CXCL10 Capture Antibody	1 vial, 100 µg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Human IP-10/CXCL10 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.

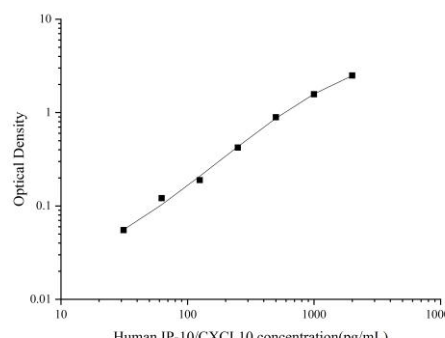
Product Information

Items		Characteristic (E-KAB-0202)	
		Human IP-10/CXCL10 Capture Antibody	Human IP-10/CXCL10 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human IP-10/CXCL10 protein	Recombinant Human IP-10/CXCL10 protein
	Swissprot	P02778	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A & Antigen Affinity	Protein A & Antigen Affinity
Specificity		Detects Human IP-10/CXCL10 in ELISAs.	

For Research Use Only

Applications

Human IP-10/CXCL10 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																		
ELISA Capture	0.5-4μg/mL	Human IP-10/CXCL10 Capture Antibody	 <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Human IP-10/CXCL10 concentration (pg/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>10</td><td>0.05</td></tr><tr><td>20</td><td>0.1</td></tr><tr><td>50</td><td>0.2</td></tr><tr><td>100</td><td>0.3</td></tr><tr><td>200</td><td>0.5</td></tr><tr><td>500</td><td>1.0</td></tr><tr><td>1000</td><td>1.5</td></tr><tr><td>2000</td><td>2.0</td></tr></tbody></table>	Human IP-10/CXCL10 concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.3	200	0.5	500	1.0	1000	1.5	2000	2.0
Human IP-10/CXCL10 concentration (pg/mL)	Optical Density																				
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ELISA Detection	1:1000-1:10000	Human IP-10/CXCL10 Detection Antibody (Biotin)																			

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

Background

This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression.