

## ARG81445 Human CXCL13 / BCA1 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG81445-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81445-002	Standard	2 X 10 ng/vial	4°C
ARG81445-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81445-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81445-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81445-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81445-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81445-008	25X Wash buffer	20 ml	4°C
ARG81445-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81445-010	STOP solution	10 ml (Ready to use)	4°C
ARG81445-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG81445 Human CXCL13 / BCA1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CXCL13 / BCA1 in serum, plasma (heparin, EDTA), saliva and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CXCL13 / BCA1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma (heparin, EDTA), saliva and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.8% Inter-Assay CV: 7.7%
Alternate Names	BCA-1; Angie; C-X-C motif chemokine 13; CXC chemokine BLC; ANGIE2; B lymphocyte chemoattractant; B cell-attracting chemokine 1; BLR1L; Small-inducible cytokine B13; SCYB13; ANGIE; BLC; BCA1

## Application Instructions

Assay Time ~ 5 hours

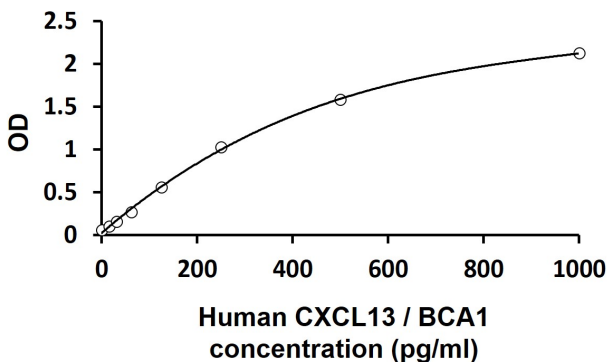
## Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	CXCL13
Gene Full Name	chemokine (C-X-C motif) ligand 13
Background	B lymphocyte chemoattractant, independently cloned and named Angie, is an antimicrobial peptide and CXC chemokine strongly expressed in the follicles of the spleen, lymph nodes, and Peyer's patches. It preferentially promotes the migration of B lymphocytes (compared to T cells and macrophages), apparently by stimulating calcium influx into, and chemotaxis of, cells expressing Burkitt's lymphoma receptor 1 (BLR-1). It may therefore function in the homing of B lymphocytes to follicles. [provided by RefSeq, Oct 2014]
Function	Chemotactic for B-lymphocytes but not for T-lymphocytes, monocytes and neutrophils. Does not induce calcium release in B-lymphocytes. Binds to BLR1/CXCR5. [UniProt]
Highlight	Related products: <a href="#">CXCL antibodies</a> ; <a href="#">CXCL ELISA Kits</a> ; <a href="#">CXCL Duos / Panels</a> ; <a href="#">CXCL recombinant proteins</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>

## Images



ARG81445 Human CXCL13 / BCA1 ELISA Kit standard curve image

ARG81445 Human CXCL13 / BCA1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.