

ARG81751 Rat CXCL5 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81751-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81751-002	Standard	2 X 10 ng/vial	4°C
ARG81751-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81751-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81751-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81751-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81751-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81751-008	25X Wash buffer	20 ml	4°C
ARG81751-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81751-010	STOP solution	10 ml (Ready to use)	4°C
ARG81751-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81751 Rat CXCL5 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat CXCL5 in serum, plasma (heparin, EDTA, citrate) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Specificity	Since Rat Cxcl5 and Rat Cxcl6 are both from Gene Cxcl6 (GeneID: 60665), and only amino acid difference, so this ELISA kit might also react to Rat Cxcl6.
Target Name	CXCL5
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	7.8 pg/ml
Sample Type	Serum, plasma (heparin, EDTA, citrate) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.2%; Inter-Assay CV: 5.9%
Alternate Names	Neutrophil-activating peptide ENA-78; Epithelial-derived neutrophil-activating protein 78; SCYB5; Small-inducible cytokine B5; C-X-C motif chemokine 5; 9-78; 8-78; 1-78; ENA-78

Application Instructions

Assay Time ~ 5 hours

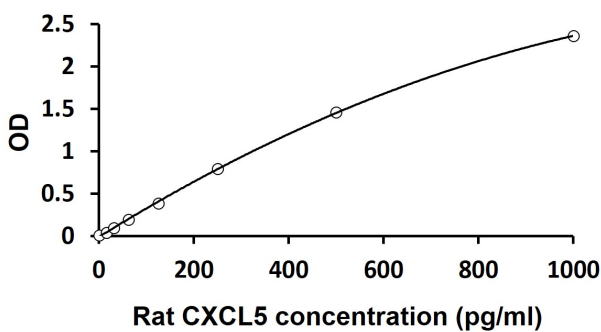
Properties

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	CXCL5
Gene Full Name	chemokine (C-X-C motif) ligand 5
Function	Involved in neutrophil activation. In vitro, ENA-78(8-78) and ENA-78(9-78) show a threefold higher chemotactic activity for neutrophil granulocytes. [UniProt]
Highlight	Related products: CXCL antibodies ; CXCL ELISA Kits ; CXCL Duos / Panels ; CXCL recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81751 Rat CXCL5 ELISA Kit standard curve image

ARG81751 Rat CXCL5 ELISA Kit results of a typical standard run with optical density reading at 450 nm.