

ARG82435 Mouse C1r ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82435-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82435-002	Standard	2 X 40 ng/vial	4°C
ARG82435-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82435-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82435-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82435-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82435-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82435-008	25X Wash buffer	20 ml	4°C
ARG82435-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82435-010	STOP solution	10 ml (Ready to use)	4°C
ARG82435-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82435 Mouse C1r ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse C1r in serum, plasma (EDTA, heparin, citrate), cell culture supernatants and urine.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	C1r
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.3125 ng/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate), cell culture supernatants and urine.
Standard Range	0.625 - 40 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.4% Inter-Assay CV: 5.7%

Alternate Names

Complement component 1 subcomponent r; EC 3.4.21.41; Complement C1r subcomponent

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 C1R

Gene Full Name complement component 1, r subcomponent

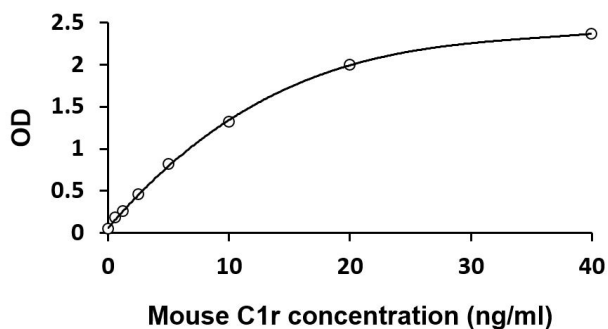
Function C1r B chain is a serine protease that combines with C1q and C1s to form C1, the first component of the classical pathway of the complement system. [UniProt]

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PTM The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains. [UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG82435 Mouse C1r ELISA Kit standard curve image

ARG82435 Mouse C1r ELISA Kit results of a typical standard run with optical density reading at 450 nm.