

ARG82530 Mouse CREG1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82530-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82530-002	Standard	2 X 10 ng/vial	4°C
ARG82530-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82530-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82530-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82530-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82530-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82530-008	25X Wash buffer	20 ml	4°C
ARG82530-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82530-010	STOP solution	10 ml (Ready to use)	4°C
ARG82530-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82530 Mouse CREG1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CREG1 in serum, plasma (heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CREG1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.3% Inter-Assay CV: 6.4%

Alternate Names Cellular repressor of E1A-stimulated genes 1; Protein CREG1; CREG

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 CREG1

Gene Full Name cellular repressor of E1A-stimulated genes 1

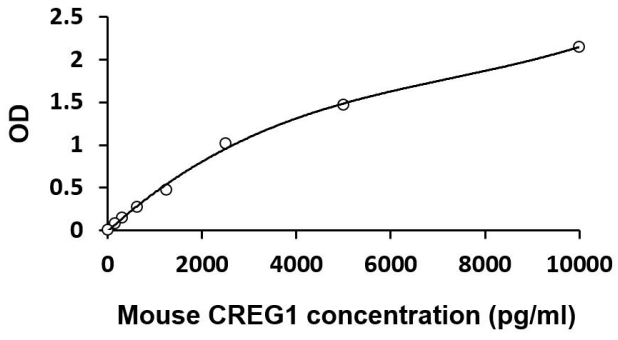
Background The adenovirus E1A protein both activates and represses gene expression to promote cellular proliferation and inhibit differentiation. The protein encoded by this gene antagonizes transcriptional activation and cellular transformation by E1A. This protein shares limited sequence similarity with E1A and binds both the general transcription factor TBP and the tumor suppressor pRb in vitro. This gene may contribute to the transcriptional control of cell growth and differentiation. [provided by RefSeq, Jul 2008]

Function May contribute to the transcriptional control of cell growth and differentiation. Antagonizes transcriptional activation and cellular transformation by the adenovirus E1A protein. The transcriptional control activity of cell growth requires interaction with IGF2R. [UniProt]

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PTM N-glycosylated. [UniProt]

Cellular Localization Secreted. [UniProt]



ARG82530 Mouse CREG1 ELISA Kit standard curve image

ARG82530 Mouse CREG1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.