

Mouse CREG1 ELISA Kit | CREG1 elisa kit

Mouse CREG1 PicoKine ELISA Kit

CATALOG #
AAA125213

REACTIVITY
Mouse

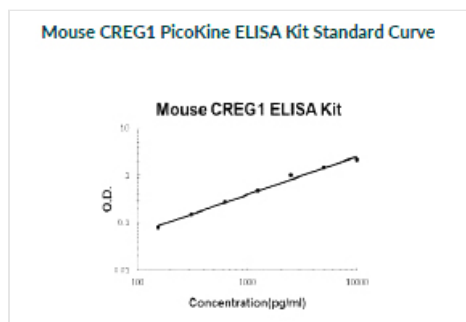
PRODUCT SYNONYMS

CREG1; Mouse CREG1 PicoKine ELISA Kit; Mouse CREG1; cellular repressor of E1A-stimulated genes 1; Protein CREG1; Cellular repressor of E1A-stimulated genes 1; Creg1; Creg; CREG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Creg1
Sequence Length	220
Samples	Cell culture supernates, serum and plasma (heparin)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CREG1 elisa kit	Principle of the Assay: The Picokine™ Mouse Creg1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Creg1 with a 96-well strip plate that is pre-coated with antibody specific for Creg1. The detection antibody is a biotinylated antibody specific for Creg1. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Creg1 with immunogen: Expression system for standard: NSO, Immunogen sequence: R32-Q220. The kit is analytically validated with ready to use reagents. To measure Mouse Creg1, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Creg1 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Creg1 in the sample.!!Background/Introduction: Protein CREG1 (Cellular Repressor of E1A-stimulated Genes 1) is a protein that in humans is encoded by the CREG1 gene. It is mapped to 1; 1 H2.3. 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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	59797903
NCBI GeneID	433375
UniProt Accession #	O88668
NCBI Official Full Name	Protein CREG1
NCBI Official Synonym Full Names	cellular repressor of E1A-stimulated genes 1
NCBI Official Symbol	Creg1
NCBI Official Synonym Symbols	Creg; AA755314
NCBI Protein Information	protein CREG1
UniProt Protein Name	Protein CREG1
UniProt Gene Name	Creg1
UniProt Synonym Gene Names	Creg

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/creg1/125213>