

## Rat CXADR ELISA Kit | CXADR elisa kit

Rat CXADR PicoKine ELISA Kit

CATALOG #  
**AAA125034**

REACTIVITY  
**Rat**

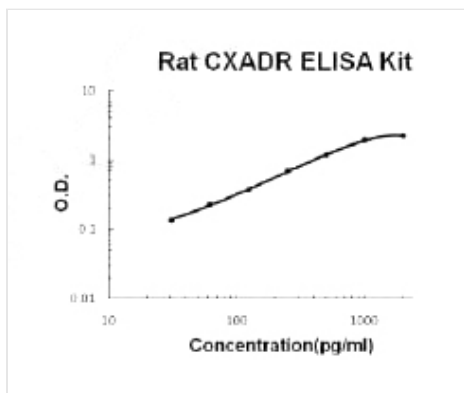
### PRODUCT SYNONYMS

CXADR; Rat CXADR PicoKine ELISA Kit; Rat CXADR; CXADR elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Rat                                                                                                                                                   |
| Specificity           | Natural and recombinant Rat Cpe                                                                                                                       |
| Sequence Length       | 352                                                                                                                                                   |
| Samples               | Cell Culture Supernates, Serum And Plasma(Heparin, Edta)                                                                                              |
| Detection Range       | 156ng/ml-10000ng/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 accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CXADR elisa kit | Principle of the Assay: The Picokine Rat Cpe Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Cpe with a 96-well strip plate that is pre-coated with antibody specific for Cpe. The detection antibody is a biotinylated antibody specific for Cpe. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Rat Cpe with immunogen: Expression system for standard: NSO, Immunogen sequence: L43-F476. The kit is analytically validated with ready to use reagents. To measure Rat Cpe, 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 propotional to Rat Cpe 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 Rat Cpe in the sample!!Background/Introduction: This gene may play a role in post-translational processing of peptide hormones including preproopiomelanocortin. It is mapped to 16p13. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 333470709                                        |
| NCBI GeneID                      | 1525                                             |
| NCBI Accession #                 | NP_001193995.1                                   |
| NCBI GenBank Nucleotide #        | NM_001207066.1                                   |
| NCBI Official Full Name          | coxsackievirus and adenovirus receptor isoform 5 |
| NCBI Official Synonym Full Names | CXADR, Ig-like cell adhesion molecule            |
| NCBI Official Symbol             | CXADR                                            |
| NCBI Official Synonym Symbols    | CAR; HCAR; CAR4/6                                |
| NCBI Protein Information         | coxsackievirus and adenovirus receptor           |

**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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cxadr/125034>