

## Human ADAM15 ELISA Kit | ADAM15 elisa kit

Human ADAM15 PicoKine Quick ELISA Kit

|                               |                            |                              |
|-------------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA128096</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

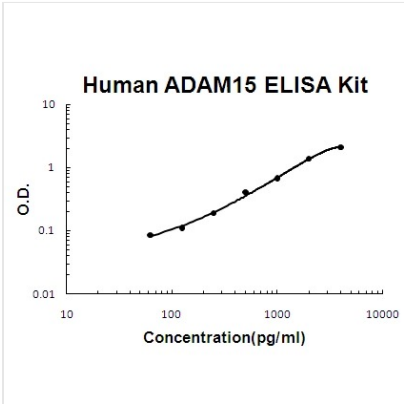
ADAM15; Human ADAM15 PicoKine Quick ELISA Kit; Disintegrin and metalloproteinase domain-containing protein 15; ADAM 15; 3.4.24.-; Metalloprotease RGD disintegrin protein; Metalloproteinase-like; disintegrin-like; and cysteine-rich protein 15; MDC-15; Metargidin; MDC15; ADAM15 elisa kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                        | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Samples                                           | cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)                                                                                                                                                                                                                                                                                                                        |
| Assay Range                                       | 62.5pg/ml-4,000pg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity                                       | <12pg/ml                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen                                         | Expression system for standard: NS0; Immunogen sequence: D207-T696                                                                                                                                                                                                                                                                                                                               |
| Anticoagulant                                     | heparin or EDTA                                                                                                                                                                                                                                                                                                                                                                                  |
| Cross Reactivity                                  | There is no detectable cross-reactivity with other relevant proteins.                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for ADAM15 elisa kit      | ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| Kit Components                                    | Description/Quantity<br>Pre-coated 96-well strip microplate/1<br>Standard/2 vials, 10 ng/tube<br>Biotinylated antibody (100x)/100ul<br>Avidin-Biotin-Peroxidase Complex (100x)/100ul<br>Sample Diluent/30ml<br>Antibody Diluent/12ml<br>Avidin-Biotin-Peroxidase Diluent/12ml<br>Color Developing Reagent (TMB)/10ml<br>Stop Solution/10ml<br>Wash Buffer (25x)/20ml<br>Adhesive plate sealers/4 |
| Materials Required But Not Provided               | Microplate Reader capable of reading absorbance at 450nm.<br>Incubator.<br>Automated plate washer (optional).<br>Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions.<br>Multichannel pipettes are recommended for large amount of samples.<br>Deionized or distilled water.<br>500ml graduated cylinders.<br>Test tubes for dilution.      |
| Sample Data                                       | Concentration (pg/ml)062.51252505001000200040000.D.0.0610.0830.1090.1850.4040.6641.3732.079                                                                                                                                                                                                                                                                                                      |
| Intra Assay Consistency & Inter Assay Consistency | Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean<br>(pg/ml)11267414541107041511Standard deviation5.0453.2459.617.0464.0664.97CV<br>(%)4.5%7.9%4.1%6.4%9.1%4.3%                                                                                                                                                                                                            |

|                         |                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reproducibility         | LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample<br>11121071041071072.872.6%Sample 267475376175773636.054.8%Sample<br>31454138413311442140249.153.5%*number of samples for each test n=16. |
| Preparation and Storage | Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)                                                                                                            |

### IMAGES



Standard Curve (Sample)  
Human ADAM15 PicoKine ELISA Kit standard curve

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ADAM15 elisa kit | The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays. |
| Product Categories/Family for ADAM15 elisa kit   | <a href="#">Quick ELISA Kits</a>                                                                                                                                                                                                                                                    |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">387849014</a>                                                                                                                                                                                                                                                                                 |
| NCBI GeneID                      | <a href="#">8751</a>                                                                                                                                                                                                                                                                                      |
| NCBI Accession #                 | <a href="#">NP_001248393.1</a>                                                                                                                                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001261464.1</a>                                                                                                                                                                                                                                                                            |
| UniProt Accession #              | <a href="#">Q13444</a> ; <a href="#">Q13493</a> ; <a href="#">Q53XQ0</a> ; <a href="#">Q5SR68</a> ; <a href="#">Q5SR69</a> ; <a href="#">Q6R267</a> ; <a href="#">Q71S61</a> ; <a href="#">Q71S62</a> ; <a href="#">B3KQU5</a> ; <a href="#">B4DLB5</a> ; <a href="#">B4DMH8</a> ; <a href="#">E9PN65</a> |
| Molecular Weight                 | 68,256 Da                                                                                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | disintegrin and metalloproteinase domain-containing protein 15 isoform 7 preproprotein                                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | ADAM metallopeptidase domain 15                                                                                                                                                                                                                                                                           |
| NCBI Official Symbol             | ADAM15                                                                                                                                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | MDC15                                                                                                                                                                                                                                                                                                     |
| NCBI Protein Information         | disintegrin and metalloproteinase domain-containing protein 15                                                                                                                                                                                                                                            |
| UniProt Protein Name             | Disintegrin and metalloproteinase domain-containing protein 15                                                                                                                                                                                                                                            |
| UniProt Gene Name                | <b>ADAM15</b>                                                                                                                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | MDC15; ADAM 15; MDC-15                                                                                                                                                                                                                                                                                    |

**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](mailto:contact@aaabiotech.com)

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/adam15/128096>