

## Mouse EGF ELISA Kit | EGF elisa kit

Mouse EGF (Epidermal growth factor) ELISA Kit

CATALOG #  
**AAA163783**

REACTIVITY  
**Mouse**

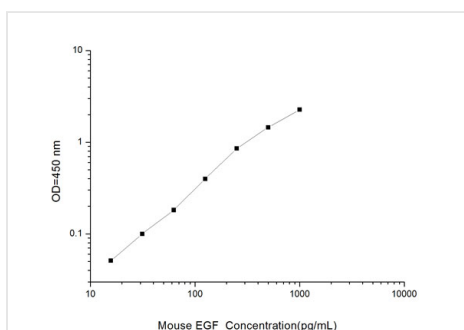
### PRODUCT SYNONYMS

EGF; Mouse EGF (Epidermal growth factor) ELISA Kit; EGF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mouse EGF. No significant cross-reactivity or interference between Mouse EGF and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse EGF and all the analogues, therefore, cross reaction may still exist. |
| Sequence Length         | 89                                                                                                                                                                                                                                                                                                                                                                                         |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                                                                                                                                                                                                                                                           |
| Assay Type              | Sandwich                                                                                                                                                                                                                                                                                                                                                                                   |
| Detection Range         | 15.625-1000pg/mL                                                                                                                                                                                                                                                                                                                                                                           |
| Sensitivity             | Min: 9.375pg/mL; Max: 1000pg/mL                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                                                                                                                                                                                                                       |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for EGF elisa kit | <p><b>Description:</b> The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EGF in Mouse serum, plasma and other biological fluids</p> <p><b>Principle of the Assay:</b> This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse EGF. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse EGF and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse EGF, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse EGF. You can calculate the concentration of Mouse EGF in the samples by comparing the OD of the samples to the standard curve.</p> |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                         |                                  |
|-------------------------|----------------------------------|
| NCBI GI #               | 688072                           |
| Molecular Weight        | 9,879 Da                         |
| NCBI Official Full Name | epidermal growth factor, partial |
| UniProt Protein Name    | Epidermal growth factor          |
| UniProt Gene Name       | epidermal growth factor/ EGF     |
| UniProt Entry Name      | Q28867_HORSE                     |

**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/mouse-elisa-kits/egf/163783>