

## Mouse Mef2a (Myocyte-specific enhancer factor 2A) ELISA Kit | Mef2a elisa kit

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CATALOG #  
**AAA249971**

REACTIVITY  
**Mouse**

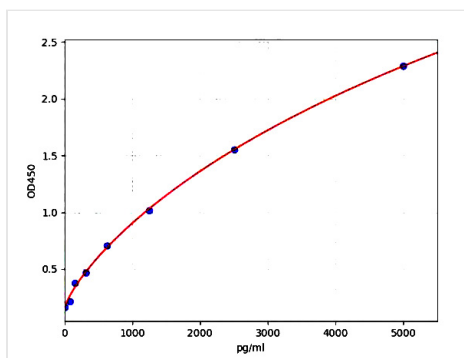
### PRODUCT SYNONYMS

Mef2a (Myocyte-specific enhancer factor 2A); Mouse Mef2a (Myocyte-specific enhancer factor 2A) ELISA Kit; Mef2a; Myocyte-specific enhancer factor 2A; Mef2a elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mef2a. No significant cross-reactivity or interference between Mef2a and analogues was observed. |
| Assay Type              | Sandwich                                                                                                                                                                    |
| Samples                 | Serum, plasma, tissue homogenates and other biological fluids                                                                                                               |
| Detection Range         | 78.125-5000pg/ml                                                                                                                                                            |
| Sensitivity             | 46.875pg/ml                                                                                                                                                                 |
| Intra-assay Precision   | CV<8%                                                                                                                                                                       |
| Inter-assay Precision   | CV<10%                                                                                                                                                                      |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C                |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Mef2a elisa kit | Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated. |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 76253934                                      |
| NCBI GeneID                      | 17258                                         |
| NCBI Accession #                 | NP_001028885.1                                |
| NCBI GenBank Nucleotide #        | NM_001033713.2                                |
| UniProt Accession #              | Q60929; Q3V155; Q4VA09; Q6P8Q3                |
| Molecular Weight                 | 53,579 Da                                     |
| NCBI Official Full Name          | myocyte-specific enhancer factor 2A isoform a |
| NCBI Official Synonym Full Names | myocyte enhancer factor 2A                    |
| NCBI Official Symbol             | Mef2a                                         |
| NCBI Official Synonym Symbols    | A430079H05Rik                                 |
| NCBI Protein Information         | myocyte-specific enhancer factor 2A           |
| UniProt Protein Name             | Myocyte-specific enhancer factor 2A           |
| UniProt Gene Name                | Mef2a                                         |
| UniProt Entry Name               | MEF2A_MOUSE                                   |

**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/mouse-elisa-kits/mef2a-myocyte-specific-enhancer-factor-2a/249971>