

## General MEK (Methionine-Enkephalin) ELISA Kit | MEK elisa kit

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CATALOG #  
**AAA277042**

REACTIVITY  
**General**

### PRODUCT SYNONYMS

MEK (Methionine-Enkephalin); General MEK (Methionine-Enkephalin) ELISA Kit; Met-enkephalin; Opioid growth factor; OGF; MEK elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | General                                                                                                                                                                 |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of MEK. No significant crossreactivity or interference between MEK and analogues was observed.  |
| Assay Type            | Competitive                                                                                                                                                             |
| Detection Range       | 125.00-8000 pg/mL                                                                                                                                                       |
| Sensitivity           | 75.00 pg/mL                                                                                                                                                             |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.  |
| Inter-assay Precision | Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. |

### ADDITIONAL INFORMATION

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| Related Product Information for MEK elisa kit | Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with MEK protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to MEK. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MEK in the samples is then determined by comparing the OD of the samples to the standard curve. |
| Product Categories/Family for MEK elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**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://www.aaabiotech.com/general-elisa-kits/mek-methionine-enkephalin/277042>