

## Human MAPK14 (Mitogen Activated Protein Kinase 14) ELISA Kit | MAPK14 elisa kit

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CATALOG #  
**AAA270405**

REACTIVITY  
**Human**

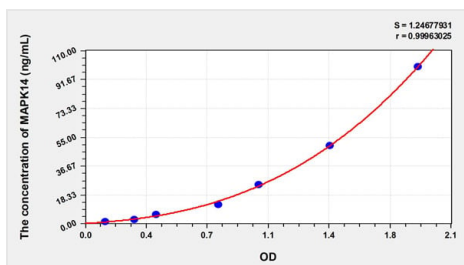
### PRODUCT SYNONYMS

MAPK14 (Mitogen Activated Protein Kinase 14); Human MAPK14 (Mitogen Activated Protein Kinase 14) ELISA Kit; CSBP1; CSBP2; CSPB1; EXIP; Mxi2; PRKM14; PRKM15; RK; SAPK2A; P38; Mitogen-activated protein kinase p38 alpha; Cytokine suppressive anti-inflammatory drug-binding protein; MAPK14 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| Reactivity              | Human                                                            |
| Samples                 | Tissue homogenates, cell lysates and other biological fluids.    |
| Assay Type              | Sandwich                                                         |
| Detection Range         | 1.57-100 ng/mL                                                   |
| Sensitivity             | 0.54 ng/mL                                                       |
| Intra-assay Precision   | CV%<8%                                                           |
| Inter-assay Precision   | CV%<10%                                                          |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt. |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for MAPK14 elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mitogen Activated Protein Kinase 14(MAPK14). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mitogen Activated Protein Kinase 14(MAPK14). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mitogen Activated Protein Kinase 14(MAPK14), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Mitogen Activated Protein Kinase 14(MAPK14) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for MAPK14 elisa kit

Signal transduction; Enzyme & Kinase; Tumor immunity; Infection immunity

**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/human-elisa-kits/mapk14-mitogen-activated-protein-kinase-14/270405>