

Rat Mitogen Activated Protein Kinase 14 (MAPK14) RTU ELISA Kit | MAPK14 rtu elisa kit

Rat Mitogen Activated Protein Kinase 14 (MAPK14) ELISA Kit

CATALOG #
AAA216927

REACTIVITY
Rat

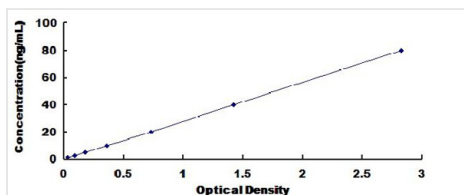
PRODUCT SYNONYMS

Mitogen Activated Protein Kinase 14 (MAPK14); Rat Mitogen Activated Protein Kinase 14 (MAPK14) 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 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	360
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	1.25-80ng/mL
Sensitivity	0.43ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK14 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAPK14. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 MAPK14 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2499601
NCBI GeneID	81649
UniProt Accession #	P70618; O08594; Q99MG4
Molecular Weight	41,521 Da
NCBI Official Full Name	Mitogen-activated protein kinase 14
NCBI Official Synonym Full Names	mitogen activated protein kinase 14
NCBI Official Symbol	Mapk14
NCBI Official Synonym Symbols	RK; Hog; p38; CRK1; CSBP; Exip; Mxi2; CSPB1; Csbp1; Csbp2; Prkm14; Prkm15; Sapk2A; p38Hog; p38alpha
NCBI Protein Information	mitogen-activated protein kinase 14
UniProt Protein Name	Mitogen-activated protein kinase 14
UniProt Gene Name	Mapk14
UniProt Synonym Gene Names	Csbp1; Csbp2; MAP kinase 14; MAPK 14; MAP kinase p38 alpha

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
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/mitogen-activated-protein-kinase-14-mapk14/216927>