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## Datasheet for ABIN5691891

### MAPK14 FLISA Kit

#### Overview

|                      |                   |
|----------------------|-------------------|
| Quantity:            | 2 x 96 tests      |
| Target:              | MAPK14            |
| Binding Specificity: | pThr180           |
| Reactivity:          | Human, Rat, Mouse |
| Method Type:         | Cell ELISA        |
| Application:         | ELISA             |

#### Product Details

|                    |   |
|--------------------|---|
| Purpose:           | The CytoFluor™ Phospho Cell-Based ELISAs provides a convenient method for high-throughput screening of the effects of various drugs, metabolites and various treatment effects on protein expression and phosphorylation profiles in whole cells.   |
| Brand:             | CytoFluor™  |
| Sample Type:       | Cell Culture Cells  |
| Analytical Method: | Qualitative   |
| Detection Method:  | Fluorometric  |
| Characteristics:   | <p>Detection of proteins from pg/mL to ng/mL concentrations</p> <ul style="list-style-type: none"><li>- Convenient and ready-to-use</li><li>- High-sensitivity, low background with exceptional signal-to-noise ratio</li><li>- 450 nm colorimetric detection</li><li>- Human, mouse and rat targets</li><li>- For use with cell lysates, supernatants, sera and plasma</li></ul> |

## Product Details

|             |   |
|-------------|---|
| Components: | 2 x 96-Well Tissue Culture Microplates              |
|             | 100x Anti-Phospho Target Primary Antibody           |
|             | 100x Anti-Target Primary Antibody                   |
|             | 100x Anti-Control Primary Antibody                  |
|             | Dye 1-Conjugated Anti-Rabbit IgG Secondary Antibody |
|             | Dye 2-Conjugated Anti-Mouse IgG Secondary Antibody  |
|             | 10x TBS   |
|             | 15x Wash Buffer                                     |
|             | Quenching Buffer                                    |
|             | Blocking Buffer                                     |
|             | Primary Antibody Diluent                            |
|             | SDS Solution  |
|             | Adhesive Plate Seals                                |
|             | Technical Manual                                    |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | MAPK14  |
| Alternative Name: | p38 MAPK ( <a href="#">MAPK14 Products</a> )  |
| Gene ID:          | 1432  |
| UniProt:          | <a href="#">Q16539</a>  |
| Pathways:         | <a href="#">MAPK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Regulation of Cell Size</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Autophagy</a> , <a href="#">Thromboxane A2 Receptor Signaling</a> , <a href="#">BCR Signaling</a> , <a href="#">S100 Proteins</a> |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Detection Range: At least 5000 cells/well |
| Assay Time:        | 4.5 h                                     |
| Plate:             | Uncoated                                  |
| Restrictions:      | For Research Use only                     |

## Handling

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|          |      |
|----------|------|
| Storage: | 4 °C |
|----------|------|

|                  |              |
|------------------|--------------|
| Storage Comment: | 4°C/6 Months |
|------------------|--------------|

|              |          |
|--------------|----------|
| Expiry Date: | 6 months |
|--------------|----------|