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# Datasheet for ABIN5691918

## **STAT1 FLISA Kit**

#### Overview

| Quantity:            | 2 x 96 tests  |
|----------------------|---|
| Target:              | STAT1   |
| Binding Specificity: | pSer727   |
| Reactivity:          | Human, Mouse, Rat   |
| 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:     | Detection of proteins from pg/mL to ng/mL concentrations  - Convenient and ready-to-use  - High-sensitivity, low background with exceptional signal-to-noise ratio  - 450 nm colorimetric detection  - Human, mouse and rat targets  - For use with cell lysates, supernatants, sera and plasma |
|                      |   |

#### **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:           | STAT1   |
|-------------------|---|
| Alternative Name: | STAT1 (STAT1 Products)  |
| Gene ID:          | 6772  |
| UniProt:          | P42224  |
| Pathways:         | JAK-STAT Signaling, RTK Signaling, Interferon-gamma Pathway, Response to Growth Hormone |
|                   | Stimulus, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of     |
|                   | Endopeptidase Activity, Hepatitis C, CXCR4-mediated Signaling Events                    |

## **Application Details**

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

#### Handling

Storage: 4 °C

# Handling

| Storage Comment: | 4°C/6 Months |
|------------------|--------------|
| Expiry Date:     | 6 months     |