

# FOS (Human) Cell-Based ELISA Kit

Catalog # KA2868

Size 1 Kit

## Specification

|                            |                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | FOS (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of FOS expression in cultured cells. |
| <b>Suitable Sample</b>     | Attached Cell, Loosely Attached Cell, Suspension Cell                                                                                        |
| <b>Label</b>               | HRP-conjugated                                                                                                                               |
| <b>Detection Method</b>    | Colorimetric                                                                                                                                 |
| <b>Assay Type</b>          | Qualitative                                                                                                                                  |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                            |
| <b>Regulation Status</b>   | For research use only (RUO)                                                                                                                  |
| <b>Storage Instruction</b> | Store the kit at 4°C.                                                                                                                        |

## Applications

- Qualitative

## Gene Info — FOS

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">2353</a>                                 |
| <b>Protein Accession#</b> | <a href="#">P01100</a>                               |
| <b>Gene Name</b>          | FOS                                                  |
| <b>Gene Alias</b>         | AP-1, C-FOS                                          |
| <b>Gene Description</b>   | v-fos FBJ murine osteosarcoma viral oncogene homolog |

Omim ID [164810](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death. [provided by RefSeq]

**Other Designations** FBJ murine osteosarcoma viral (v-fos) oncogene homolog (oncogene FOS)|activator protein 1|cellular oncogene c-fos

## Pathway

- [B cell receptor signaling pathway](#)
- [Colorectal cancer](#)
- [MAPK signaling pathway](#)
- [Pathways in cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [Anorexia Nervosa](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Infant](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)