STAT1 (Human) Cell-Based ELISA Kit

Catalog # KA3504 Size 1 Kit

Specification

Product Description	STAT1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of STAT1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — STAT1

Entrez GeneID	6772
Gene Name	STAT1
Gene Alias	DKFZp686B04100, ISGF-3, STAT91
Gene Description	signal transducer and activator of transcription 1, 91kDa
Omim ID	209950 600555

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Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq
Other Designations	OTTHUMP00000165047|signal transducer and activator of transcription 1|signal transducer and activator of transcription-1|transcription factor ISGF-3 components p91/p84

Pathway

- Chemokine signaling pathway
- Jak-STAT signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Toll-like receptor signaling pathway

Disease

- Arthritis
- Asthma
- Birth Weight
- Breast cancer
- Breast Neoplasms
- Bronchiolitis
- Campylobacter Infections
- Carcinoma
- Cardiovascular Diseases
- Chronic Disease

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- Diabetes Mellitus
- Disease Progression
- Disease Susceptibility
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Glomerulonephritis
- Hepatitis B
- Hepatitis C
- Hypersensitivity
- Infant
- Leukemia
- Liver Cirrhosis
- Liver Neoplasms
- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Neutropenia
- Osteoporosis
- Ovarian Neoplasms
- Papillomavirus Infections
- Proteinuria

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- Pulmonary Disease
- Respiratory Syncytial Virus Infections
- Salmonella Infections
- Thrombocytopenia
- Thyroid Neoplasms
- Tobacco Use Disorder
- Tuberculosis
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Viremia
- Werner syndrome

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