STAT2 (Human) Cell-Based ELISA Kit

Catalog # KA3505 Size 1 Kit

Specification

Product Description	STAT2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of STAT2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — STAT2

Entrez GeneID	6773
Gene Name	STAT2
Gene Alias	ISGF-3, MGC59816, P113, STAT113
Gene Description	signal transducer and activator of transcription 2, 113kDa
Omim ID	600556

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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. In response to interferon (IFN), this protein forms a complex with STAT1 and IFN regulatory factor family protein p48 (ISGF3G), in which this protein acts as a transactivator, but lacks the ability to bind DNA directly. Transcription adaptor P300/CBP (EP300/CREBBP) has been shown to interact specifically with this protein, which is thought to be involved in the process of blocking IFN-alpha response by adenovirus. [provided by RefSeq
Other Designations	interferon alpha induced transcriptional activator|signal transducer and activator of transcription 2

Pathway

- Chemokine signaling pathway
- Jak-STAT signaling pathway

Disease

- Asthma
- Birth Weight
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Hepatitis C
- Leukemia
- Liver Cirrhosis
- Meningeal Neoplasms
- Meningioma

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- Multiple Sclerosis
- Neutropenia
- Thrombocytopenia
- Thyroid Neoplasms

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