

JNK Activity Screening Kit

Cat. No. Kit-0491 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JNK Activity Screening Kit is used for detecting JNK activity.
Description	c-Jun N-terminal kinase (JNK) is one of the several main MAP kinase groups identified in mammals. Recent evidences suggest that activation of JNK may play an important role in neuronal apoptosis and other physiological and pathological processes. The JNK Activity screening kit utilizes an N-terminal c-Jun (1-79) fusion protein bound to glutathion sepharose beads to selectively "pull down" JNK from cell lysates. After wash to remove nonspecifically bound proteins, the kinase reaction is then carried out in the presence of cold ATP. c-Jun phosphorylation is then measured by Western blot analysis using a phospho-c-Jun specific antibody.
Target Species	Mammals
Usage	For research use only (RUO)
Storage	Store kit at -20°C.
Kit Components	1. Kinase Extraction Buffer: 80 ml.2. c-Jun (1-79) Fusion Protein Beads: 800 µl.3. Kinase Assay Buffer: 25 ml.4. ATP (10 mM): 50 µl.5. Phospho-cJun Specific Antibody: 50 µl
Compatible Sample Types	Cell Lysate, Tissue Lysate

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