JNK Activity Assay Kit

Cat. No. Kit-0490 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	JNK Activity Assay Kit is used for detecting JNK.
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 Assay Kit utilizes a JNK-specific antibody to immunoprecipitate JNK from cell lysate. Activity of the JNK is then determined in a kinase reaction using recombinant c-Jun as substrate. Phosphorylation of the c-Jun can be analyzed by Western blot analysis using a phospho-c-Jun specific antibody. The kit specifically detects JNK, other kinase activity would not be detected.
Target Species	Mammals
Usage	For research use only (RUO)
Storage	Store kit at -20°C.
Kit Components	Kinase Extraction Buffer 80 mlJNK Specific Antibody 80 µlProtein A Sepharose 2 mlc-Jun Protein/ATP Mixture 80 µlKinase Assay Buffer 25 mlPhospho-cJun Specific Antibody 50 µl
Compatible Sample Types	Cell Lysate, Tissue Lysate

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