

Akt kinase activity Kit

Cat. No. Kit-0064 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Safe-non-radioactive colorimetric measurement of kinase activityFlexible-kinetic and end-point options availableFast-results in< 4.5 hoursEfficient-only 30 µL diluted sample needed per well
Size	96 wells
Description	This is a non-radioactive Akt kinase activity assay, providing a safe, rapid and reliable method for the screening of inhibitors or activators of Akt and for quantitating the activity of Akt in purified or partially purified enzyme preparations. The Akt Kinase activity kit is based on a solid phase enzyme immunoassay (EIA) that utilizes a specific synthetic peptide as a substrate for Akt and a polyclonal antibody that recognizes the phosphorylated form of the substrate. The assay is designed for the analysis of Akt (1, 2, 3) activity in the solution phase.
Applications	Colorimetric detection. For the measurement of Akt in partially purified, purified, or crude enzyme preparations from any species.
Storage	Store all components at +4°C, except active kinase at -80°C.
Kit Components	Microtiter plate, Antibody, Conjugate, Antibody dilution buffer, Kinase assay dilution buffer, ATP, Active Kinase, Wash buffer concentrate, TMB Substrate, Stop solution 2

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