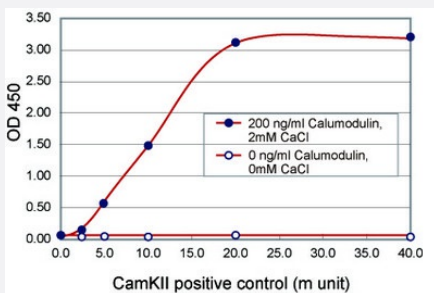


CaM-kinase II (Human) Assay Kit

Catalog # KA0073 Size 1 Kit

Applications



Dose dependent curve of CaM kinase II enzyme reaction.

Specification

Product Description

CaM-kinase II (Human) Assay Kit is a single-site, non-quantitative immunoassay for CaM kinase II activity. Plates are pre-coated with a newly designed Syntide-2, which can be efficiently phosphorylated by CaM kinase II on a microtiter plate. The detector antibody is MS-6E6, an antibody that specifically detects only the phosphorylated Syntide-2.

Assay Type

Quantitative

Reactivity

Human

Regulation Status

For research use only (RUO)

Quality Control Testing

Dose dependent curve
Dose dependent curve of CaM kinase II enzyme reaction.

Storage Instruction

Store the kit at 4°C.

Applications

- Functional Study

Publication Reference

- [Early alterations of AMPA receptors mediate synaptic potentiation induced by neonatal seizures.](#)

Rakhade SN, Zhou C, Aujla PK, Fishman R, Sucher NJ, Jensen FE.

Journal of Neuroscience 2008 Aug; 28(32):7979.

Application: Quant, Rat, Rat hippocampal tissues

- [Effect of scopolamine on neurite outgrowth in PC12 cells.](#)

Yang YJ, Lee HJ, Choi DH, Huang HS, Lim SC, Lee MK.

Neuroscience Letters 2008 Jul; 440(1):14.

Application: Quant, Rat, PC-12

- [Reversal of global apoptosis and regional stress kinase activation by cardiac resynchronization.](#)

Chakir K, Daya SK, Tunin RS, Helm RH, Byrne MJ, Dimaano VL, Lardo AC, Abraham TP, Tomaselli GF, Kass DA.

Circulation 2008 Mar; 117(11):1369.