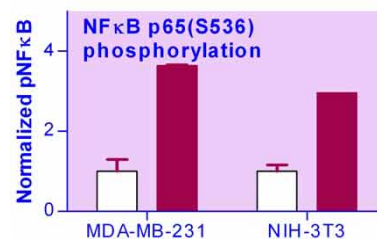


CD NFkB Phosphorylation Assay Kit

Catalog Number: AKBA524

Size: 100 tests

Price: [Online Inquiry](#)



Product Information

Product Name	CD NFkB Phosphorylation Assay Kit
Applications	For quantitative fluorescent immunoenzymatic assay of NFkB phosphorylation status in cultured cells.
Features	New and improved. Total assay time reduced from the standard 21 hours to 6.5 hours (hands-on time 2.5 hrs). Simple and convenient. Cells are directly cultured in 96-well plates. No cell lysis is necessary. Accurate and high-throughput. Protein phosphorylation is normalized to total cellular protein in the same well, greatly minimizing well-to-well variations. Can be readily automated as a high-throughput 96-well plate assay for thousands of samples per day.
Detection Method	Cell-Based ELISA (FL530/585 nm, 360/450 nm)
Sample Type	Cells
Species	Human, mouse
Assay Time	The assay takes 6.5 hrs, hands-on time 2.5 hrs
Expiration Date	6 months
Description	Nuclear factor-kappa B (NFkB) is a transcription factor that plays a central role in many physiological processes, e.g. inflammation, tumorigenesis, and apoptosis. NFkB is activated by a wide variety of stimuli, including inflammatory cytokines such as TNF- α . NFkB is a dimer composed of members of the Rel family of proteins: p65/RelA, c-Rel, RelB, NFkB1/p50, and NFkB2/p52. Phosphorylation of p65/RelA at Ser-536 results in decreased nuclear export and enhanced p65/RelA-dependent transcription. CD cell-based ELISA measures phosphorylated p65(S536) (pNFkB) in whole cells and normalizes the signal to the total protein content. This simple and efficient assay eliminates the need for cell lysate preparation and can be used to study NFkB regulation in short-term and long-term assays. Haven't Found the ELISA Kit for Your TargetWe offer two DIY kits: Custom Cell-based ELISA Kit (EFC1M) for mouse antibodies and Custom Cell-based ELISA Kit (EFC2R) for rabbit antibodies. All that is required is a primary antibody. If you prefer, we can develop the assay for you. Please email or call 1-510-782-9988 x 2 to request assay services
Shipping Conditions	Shipping: On Ice
Storage	Storage: -20°C upon receipt