



# NF-kB p50/p65 Transcription Factor Assay Kit

## Product Information

### Cat.No.

Kit-0623

### Product Overview

NF-kB p50/p65 Transcription Factor Assay Kit is a non-radioactive, sensitive method for detecting specific transcription factor DNA binding activity in nuclear extracts. A 96-well enzyme-linked immunosorbent assay (ELISA) replaces the cumbersome radioactive electrophoretic mobility shift assay (EMSA). A specific double stranded DNA (dsDNA) sequence containing the NF-kB response element is immobilized onto the wells of a 96-well plate. NF-kB contained in a nuclear extract binds specifically to the NF-kB response element. NF-kB p50 and p65 are detected by addition of a specific primary antibody directed against NF-kB p50 or p65. A secondary antibody conjugated to HRP is added to provide a sensitive colorimetric readout at 450 nm. This product is being discontinued. You can use NFkB p50 Transcription Factor Assay Kit and NFkB p65 Transcription Factor Assay Kit as alternative products.

### Size

96 tests

### Description

NF-kB p50/p65 Transcription Factor Assay Kit detects only NF-kB p65 subunit in mouse or rat and detects both NF-kB p50/p65 in Human. There is enough of each primary antibody to run half of the 96-well plate.

### Applications

Functional Studies more details

### Target Species

Reacts with: Mouse, Rat, Human

### Kit Components

Components: 96 tests; 96-Well Plate Cover: 1 unit; Polysorbate 20: 1 vial; Transcription Factor



CREATIVE BIOMART®  
Assay Kit

## NF-kB p50/p65 Transcription Factor Assay Kit

Antibody Binding Buffer (10X): 1 x 3ml; Transcription Factor Binding Assay Buffer (4X): 1 x 3ml; Transcription Factor Developing Solution: 1 x 12ml; Transcription Factor Goat Anti-Rabbit HRP Conjugate: 1 x 100µl; Transcription Factor NF-kB (human p50) Combo Positive Control: 1 vial; Transcription Factor NF-kB (human p50) Combo Primary Antibody: 1 vial; Transcription Factor NF-kB (human p65) Combo Positive Control: 1 vial; Transcription Factor NF-kB (p65) Combo Primary Antibody: 1 vial; Transcription Factor NF-kB 96-Well Strip Plate: 1 unit; Transcription Factor NFkB Competitor dsDNA: 1 vial; Transcription Factor Reagent A: 1 x 120µl; Transcription Factor Stop Solution: 1 x 12ml; Wash Buffer Concentrate (400X): 1 x 5ml

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### Compatible Sample Types

Cell culture extracts, Tissue Extracts, Nuclear Extracts

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