CREATIVE BIOMART®
Assay Kit

Human NFkB p50 Transcription Factor Assay Kit

Product Information

Cat.No. Kit-0620

Product Overview

Human NFkB p50 Transcription Factor Assay Kit is a non-radioactive, sensitive method for detecting specific transcription factor DNA binding activity in nuclear extracts and whole cell lysates. 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 NFkB response element is immobilized onto the bottom of wells of a 96-well plate. NFkB contained in a nuclear extract, binds specifically to the NFkB response element. NFkB (p50) is detected by addition of specific primary antibody directed against NFkB (p50). A secondary antibody conjugated to HRP is added to provide a sensitive colorimetric readout at 450 nm. The kit detects Human NFkB (p50). It will not cross-react with NFkB (p65).

Size

96 tests

Applications

Functional Studies more details

Target Species

Reacts with: Human

Kit Components

Components: 96 tests; 96-Well Plate Cover: 1 unit; Polysorbate 20: 1 vial; Transcription Factor 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 NFkB (Human p50) Positive Control: 1 vial; Transcription Factor NFkB (Human p50) 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

Compatible Sample Types

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Cell culture extracts, Cell Lysate

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