90-2392: Human NF-kB p65 (Nuclear Factor Kappa B p65) Pre-Coated ELISA Kit

Application : ELISA
Reactivity : Human

Description

This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human p65 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human p65 detection antibody was used. Standards, test samples and biotin conjugated detection antibody were added to the wells subsequently. Wash buffer was used to wash any non-specific binding. HRP conjugated Streptavidin was used as secondary antibody. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human p65 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450 nm in a microplate reader. Concentration of Human p65 can be calculated using the standard curve.

Kit Components

Item	Specifications	Storage
96 well Strip ELISA Plate	8 X 12 well	4°C/-20°C
Lyophilized Standard	2 vials	4°C/-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for hp65	120 µl	4°C/-20°C
Antibody Dilution Buffer	10 ml	4°C
HRP Conjugated Streptavidin (SABC)	120 µl	4°C in dark
SABC Dilution Buffer	10 ml	4°C
TMB Substrate	10 ml	4°C in dark
Stop Solution	10 ml	4°C
25X Wash Buffer	30 ml	4°C
Plate Sealer	5 pieces	
Product Manual	1	

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

Product Info

Amount :	1 X 96 Tests
Content :	1 X 96 well Format (96 tests)
Storage condition :	Please refer to the manual

Application Note

This immunoassay kit allows for the in vitro quantitative determination of Human NF-κB p65 concentrations in serum, plasma and other biological fluids. It also detects cytoplasmic, nuclear and total NF-κB p65 from cells.

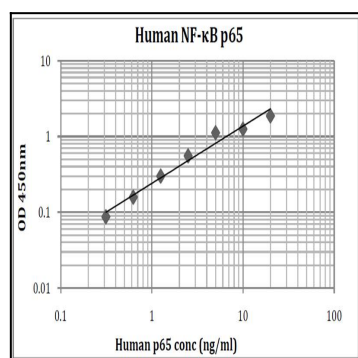Detection Range: 0.313 – 20 ng/ml

Sensitivity: < 0.188 ng/ml

Fig.1: Human NF-ÎºB p65 Standard Curve.