

Product Specification Sheet

Protein Kinase C (PKC) Standard Panel
 Product Number: PK 51
 Aliquot: 0.5 µg / isoform
 Document Control Number: pk51.060315A
 Storage: -80°C

This Panel Contains:

Isoform	Part Number	Lot Number	Concentration (µg/mL)*	Molecular Weight (kDa)
PKC Alpha (α)	PK 11	144193JC	20	76.8
PKC Beta (βI)	PK 16	144293JC	20	76.8
PKC Beta (βII)	PK 21	190296YY	20	76.9
PKC Gamma (γ)	PK 26	144493JC	20	78.4
PKC Delta (δ)	PK 31	001993JC	20	77.5
PKC Epsilon (ε)	PK 36	003693JC	20	83.5
PKC Zeta (ζ)	PK 41	004193JC	20	67.7
PKC Eta (η)	PK 46	104693JC	20	78.0

* Total protein concentration using Bradford protein assay and BSA as a standard.

DESCRIPTION: This panel consists of various PKC isoform standards that are ready for use in Western blotting or other like applications. These PKC preparations are not enzymatically active.

STORAGE: -80°C long term, -20°C less than one month. **Avoid multiple freeze-thaw cycles.**

BUFFER: Phosphate Buffered Saline; 175 mM β-Mercaptoethanol 12.5% Glycerol; 2.5% SDS; 0.0025% Bromophenol Blue

SOURCE: Human recombinant protein expressed in baculoviral insect cells.

APPLICATION: Load 2-5 µL per lane on minigels for Western blotting applications for each respective PKC isoform.