

Jurkat + Pervanadate Lysate

Cat. # JL9501

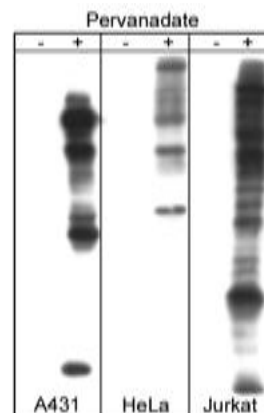
Size 100 μ l

Lysate Preparation:

Pervanadate is a protein tyrosine phosphatase inhibitor that is commonly used to increase tyrosine phosphorylation in cells. When cells are treated with pervanadate for 30 minutes they undergo significant tyrosine phosphorylation, as shown by western blotting using anti-Phosphotyrosine.

Confluent cultures of Jurkat cells were serum starved for 2 hours. Cells were then either left untreated (Cat.# JL9401) or treated with pervanadate (1 mM) for 30 minutes at 37°C (cat.# JL9501). Cells were lysed in 1% SDS, 1.0 mM sodium ortho-vanadate, 10 mM Tris (pH 7.4) buffer. Protein concentration was determined using the BCA method (Pierce) before diluting to final concentration and buffer.

Application Data:



Western blot analysis of A431, HeLa, and Jurkat cells (20 μ g/lane) untreated or treated with pervanadate (1 mM) for 30 min. Blots were probed with anti-Phosphotyrosine rabbit polyclonal.

Applications:

WB 20 μ l/lane

End user should determine optimal quantity for their particular applications and experiments.

Buffer and Storage:

Cell Lysates are supplied at a concentration of 1 mg/ml in electrophoresis sample buffer (62.5 mM Tris pH 6.8, 2% SDS, 5% glycerol, 0.003% bromophenol blue, 0.9% β -mercaptoethanol). Store at -20°C . Do not boil or dilute. Stable for 1 year.

Related Products:

JL9401 Jurkat Pervanadate Ctrl Lysate
PP2221 Phosphotyrosine Rabbit Polyclonal
IP1031 I κ Ba (Tyr-42), phospho-specific Rabbit Polyclonal
IP1041 I κ Ba (Tyr-305), phospho-specific Rabbit Polyclonal

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