

# Human Endothelial Pervanadate Ctrl Lysate

Cat. # EL7201

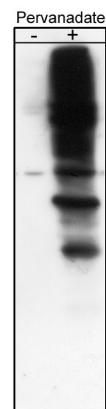
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## Lysate Preparation:

Pervanadate is a protein tyrosine phosphatase inhibitor that is commonly used to increase tyrosine phosphorylation in cells. Human umbilical vein endothelial cells treated with pervanadate for 30 minutes display a significant increase in tyrosine phosphorylation as shown by western blotting using anti-Phosphotyrosine.

Confluent cultures of human umbilical cord endothelial cells were serum starved 2 hrs at 37°C. Cells were then either left untreated (Cat.# EL7201) or treated with pervanadate (1 mM) for 30 minutes at 37°C (Cat # EL7301). 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 control and pervanadate treated human endothelial cells (20  $\mu$ g/lane). The blot was probed with anti-Phosphotyrosine rabbit polyclonal.

## Applications:

WB 20  $\mu$ 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%  $\beta$ -mercaptoethanol). Store at -20°C. Do not boil or dilute. Stable for 1 year.

## Related Products:

EL7301 Human Endothelial + Pervanadate Lysate  
HL7021 Mouse Heart Lysate  
PP2221 Phosphotyrosine Rabbit Polyclonal

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Rev 10/19/2007