

Tween 20 (Polysorbate), 1L**PG-7770-1L**

Tween® 20 (Polysorbate 20) is a non-ionic surfactant widely used in molecular biology, biochemistry, immunology, and cell biology applications. It is commonly employed as a detergent for washing membranes in Western blotting, ELISA assays, immunohistochemistry, protein purification, and nucleic acid research. Tween 20 effectively reduces non-specific binding while maintaining protein stability and biological activity.

Details

Parameter	Specification
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Product Name Tween 20 (Polysorbate 20)

Chemical Name Polyoxyethylene (20) Sorbitan Monolaurate

Molecular Formula C₅₈H₁₁₄O₂₆

Molecular Weight 1227.5 g/mol

Appearance Clear yellow to yellow-green viscous liquid

Purity Molecular Biology Grade

Density (20°C) Approx. 1.10 g/mL

pH (1% Solution) 5.0 – 7.0

HLB Value 16.7

CAS Number 9005-64-5

Solubility Freely soluble in water, ethanol, methanol, and ethyl acetate

Storage : RT

Applications:

Western Blot Washing Buffers (TBST), ELISA Wash Buffers, Immunohistochemistry (IHC), Immunofluorescence Assays, Protein Purification and Chromatography, Cell Lysis and Protein Extraction Buffers, Molecular Biology Research etc.