

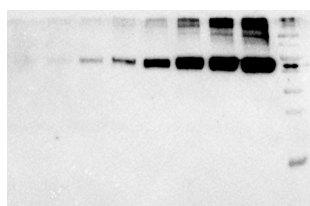
Polyvinylidene Fluoride PVDF



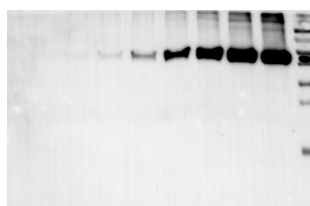
GVS PVDF is a naturally hydrophobic, unsupported transfer membrane. It has a high binding capacity, which prevents protein from passing through the membrane, and a low background that provides for an excellent signal-noise ratio. It also has exceptional tensile strength, preventing it from cracking, tearing, breaking or curling. This membrane also has broad chemical compatibility, which is important when used with common stains such as Amido Black, Colloidal Gold, Coomassie Blue, India Ink and Ponceau-S. GVS PVDF will not degrade, distort or shrink when a high concentration of methanol is used for destaining.

Its exceptional strength, high binding capacity and chemical compatibility make GVS PVDF ideal for use in Western blotting, immunoblotting, and solid phase assays and plaque lifts.

GVS



Competitor



Images were obtained by following GVS Western Blot General Protocol

Cell Lane: HeLa Whole Cell

Detection substrate: Light Wave Plus


Primary antibody: Beta Actin Polyclonal Antibody (dilution 1:1000)

Secondary antibody: Goat Anti-Rabbit IgG Antibody (H+L) (dilution 1:10000)

Analyzed protein: Beta actin, MW: 42 kDa

Features & Benefits

- Superior strength: Can withstand aggressive handling or be used with automated equipment without breaking or tearing
- Low extractables: Ensures tests will be clean with consistent results
- Exceptional sensitivity: Detects low-level components
- Hydrophobic: For high protein binding
- Lot-to-lot consistency: Quality checks ensure consistent binding for dependable results every time
- BSA protein binding capacity : 125 $\mu\text{g}/\text{cm}^2$
- High range of chemical: Resistant to most commonly used chemicals compatible with chemically aggressive solvents

| Product | Competitors |
|--|--|
|  PVDF Pure Unsupported PVDF | Millipore Immobilon-P - Amersham HyBond - BioRad PVDF Shleicher & Shuell (S&S) Westran |

Typical Applications

- Western blotting
- Immunoblotting
- Solid phase assays
- Amino acid or protein analyses

Ordering information

| Pore sizes | Dimensions (mm) | 70x84 mm | 100x100 mm | 150x150 mm | 200x200 mm | 200x3000 mm | 300x3000 mm |
|--------------------|-----------------|----------|------------|------------|------------|-------------|-------------|
| | Packaging | 10/pk | 10/pk | 5/pk | 5/pk | 1/pk | 1/pk |
| 0.22 μm | | 1214588 | | 1215037 | 1215032 | 1214726 | 1214429 |
| 0.45 μm | | 1213992 | 1212644 | 1212636 | 1212637 | 1212783 | 1212639 |