

PVDF (0.45µm)

Catalog #: RA04502R/RA04502P

Product Overview

PVDF (Polyvinylidene Fluoride) membrane is a widely used solid support for Western Blot experiments. It is also suitable for binding assays, amino acid analysis, N-terminal protein sequencing, dot and slot blot detection, glycoprotein staining, and lipopolysaccharide analysis.

This Pro enhanced series features optimized membrane fabrication and surface modification technology, delivering superior protein binding capacity and excellent background uniformity. The membrane thickness is precisely controlled at 150±20µm for enhanced mechanical strength, tear resistance and dimensional stability. Available in 0.22µm and 0.45µm pore sizes to cover protein detection across different molecular weights. The roll format measures 28×400cm with a total area of 11200cm², combining reliable performance with outstanding cost-effectiveness.

PVDF membrane is hydrophobic in nature and requires pre-activation with methanol before use. Methanol activation polarizes the membrane surface to facilitate binding with negatively charged proteins. The membrane features high mechanical strength and can be reused multiple times after stripping buffer treatment.

Product Information

Item number	Product Name	Storage conditions	Specification
RA04502R	PVDF(0.45µm,28×400cm)	RT	1T
RA04502P	PVDF(0.45µm,6×9cm)	RT	20T

Store at room temperature ; shelf life is 5 years.

Product Advantages

- High adsorption affinity
- High protein binding capacity
- Low background noise
- Brand new upgraded version

Precautions

1. PVDF membranes need to be activated with methanol or ethanol ;
2. This product is for research use only.