PVDF Membrane (0.45μm)

Catalog #: RA045R/RA045P

Product Overview

PVDF membrane is a type of polyvinylidene fluoride membrane . PVDF (Polydioxanone) is a commonly used solid-phase support in Western blotting, and can also be used for adsorption analysis, amino acid analysis, N-terminal protein sequencing, dot and slot blot detection , glycoprotein color development, and lipopolysaccharide analysis. PVDF membranes are mainly available in pore sizes of 0.22 μm and 0.45 μm . As the pore size decreases, the membrane binds more strongly to low molecular weight proteins. Typically, 0.45 μm membranes are used for proteins above 20 kDa, and 0.22 μm membranes are used for proteins below 20 kDa. PVDF membranes are hydrophobic and require pretreatment with methanol before use to activate the positively charged groups on the membrane, making it easier for them to bind to negatively charged proteins. PVDF membranes have high mechanical strength and can be reused multiple times after treatment with membrane regeneration solution.

Product Information

Item number	Product Name	Storage conditions	Specification
RA045R	PVDF membrane (0.45μm)	RT	30×300cm/Roll
RA045P	PVDF membrane (0.45μm)	RT	6×9cm, 20 pieces

Store at room temperature ; shelf life is 5 years.

Product Advantages

- **Tear Resistance**
- **High load**
- **High temperature resistance**

Precautions

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