
(FOR RESEARCH USE ONLY. DO NOT USE IT IN CLINICAL DIAGNOSIS !)

PVDF Membrane (0.45 µm)

Catalog No: E-BC-R266

Sizes: 8.5 cm × 6 cm/ 13.25 cm × 15 cm

Cat	Products	8.5 cm × 6 cm	13.25 cm × 15 cm	Storage
E-BC-R266	PVDF Membrane (0.45 µm)	8.5 cm × 6 cm × 10 pieces 8.5 cm × 6 cm × 20 pieces	13.25 cm × 15 cm × 10 pieces 13.25 cm × 15 cm × 20 pieces	RT
Manual			1 copy	

Binding ability: Insulin: 85 µg/cm²
BSA: 131 µg/cm²
Goat IgG: 294 µg/cm²

This manual must be read attentively and completely before using this product.

If you have any problems, please contact our Technical Service Center for help.

Phone: 240-252-7368(USA) 240-252-7376(USA)

Email: techsupport@elabscience.com

Website: www.elabscience.com

Please kindly provide us the lot number (on the outside of the box) of the kit for more efficient service.

Introduction

Compared with nitrocellulose membranes, hydrophobic polyvinylidene fluoride (PVDF) membranes have various advantages, for example, good mechanical strength, strong protein retention, low background, extensive solvent compatibility, and excellent coloring ability. The PVDF membrane with a pore size of 0.45 μm can be used for most immunoblots and is recommended for proteins with a molecular weight more than 20 kDa.

Instructions

1. Soak the PVDF membrane in methanol for 1 min to activate it.
2. Soak the activated PVDF membrane with deionized water to remove the methanol from the membrane.
3. Immerse the PVDF membrane in the transfer buffer for 2~3 min, and the blotting filter paper too.
4. Place the following material in the order of the black plate (negative electrode) - fiber mat - filter paper - gel - PVDF membrane - filter paper - fiber mat - white plate (positive electrode) in order, discharge bubbles, clamp and place in the wet transfer tank.
5. Follow the Western Blot steps.

Storage

Store at room temperature for 12 months.

Cautions

1. Please wear gloves to prevent contamination of the PVDF membrane.
2. Do not dry the PVDF membrane during the experiment.
3. If you need other sizes of PVDF membrane and filter paper, please let us know in advance, we will be happy to help you.