Product Specification

Product Name:	VE586PRO Mini Transfer Cell
Product Code:	VE586PRO

PRODUCT DESCRIPTION:

The VE586PRO Mini Transfer Cell is a high-efficiency protein transfer system capable of simultaneously transferring 1-8 precast or hand cast gels from electrophoresis to membranes. Featuring a patented perforated electrode holder design that eliminates heat buildup without ice packing, the system utilizes a 3D central concave clip structure for superior gel-membrane contact and an ultra-thin "sandwich" design with butterfly-shaped bottom shell for maximum heat dissipation. Fully compatible with the VE580 Mini Vertical Protein Cell for streamlined Western blot workflows.

Item	Specification
Gel Capacity:	1 – 8 pieces
Maximum Gel Loading Area:	9 x 9 cm
External Dimensions (L×W×H):	245 x 185 x 170 mm
Typical Transfer Time:	15 – 60 min (With Tanon Rapid Transfer Buffer)
Recommended Power Supply:	EPS-1500

FEATURES

- **Flexible Throughput:** Supports the transfer of up to eight 9 x 9 cm gel pieces simultaneously, with clear stripes.
- **Rapid Transfer:** The transfer process only takes 15 to 60 minutes, with the choice of running it overnight at a low voltage setting.
- **Applications:** Used for Western Blot, Northern Blot, Southern Blot and etc.

OPERATION GUIDE

1) Prepare the 2x filter paper, NC or PVDF Membrane and your SDS-PAGE gel as shown below.

Image 1: *Filter Paper (1 & 2), NC or PVDF Membrane (3), Gel (4)*

2) Pull the top white latch toward the direction of the red arrow below to unlock the Cassette.

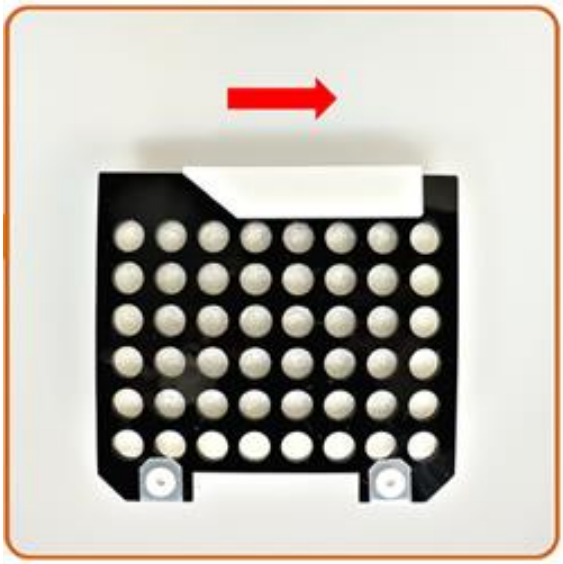

Image 2: *Gel holder cassette*

3) Arrange your transfer sandwich as per the image below.

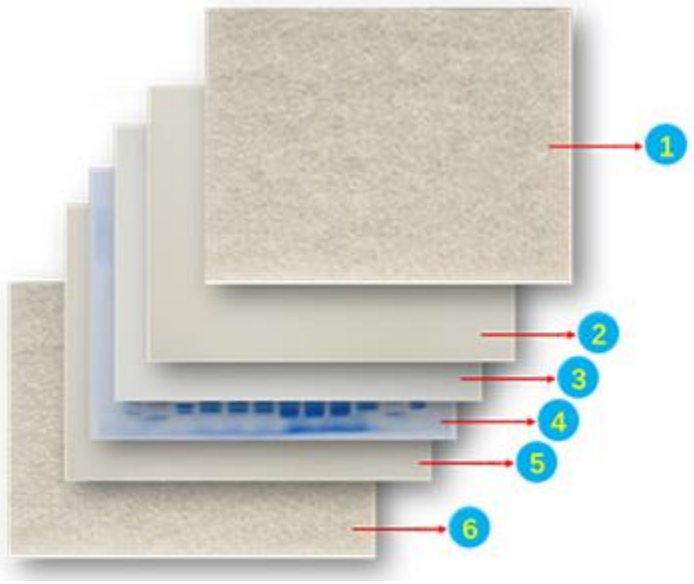

Image 3: *Foam Pads (1 & 6), Filter Paper (2 &5), NC or PVDF Membrane (3), Gel (4)*

4) Place the transfer sandwich in the unlocked cassette as shown below.

Image 4: *Transfer Sandwich placed within the cassette*

5) Fold the perforated lid of the cassette downwards as shown below, then secure the assembly by sliding the white latch across the top tabs towards the center.

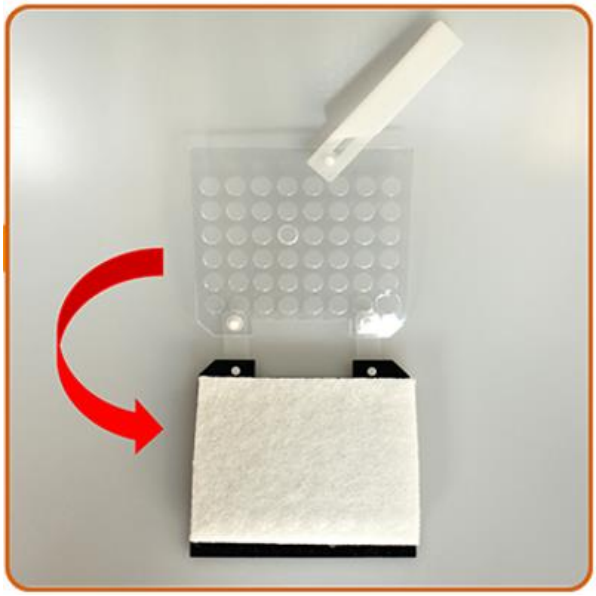

Image 5: *Transfer Sandwich placed within the cassette*

6) Place the cassette into the Electrophoresis Blotting Module as per the image on the left below. Then, insert the module into the Buffer Tank as per the Image on the right below.

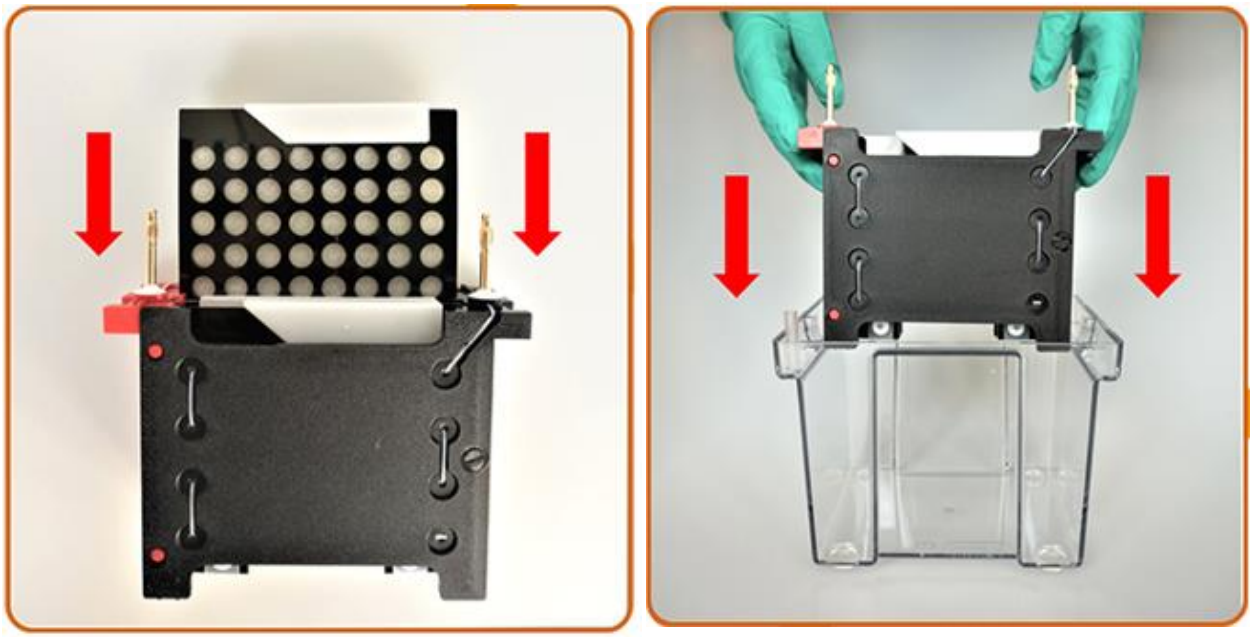

Image 6: *Place cassette into the module (left). Place the module into the buffer tank (Right)*

7) Place a cooling unit into the buffer tank as per the image on the left below. Afterwards, fill the tank with Transfer Buffer as per the image on the right below.

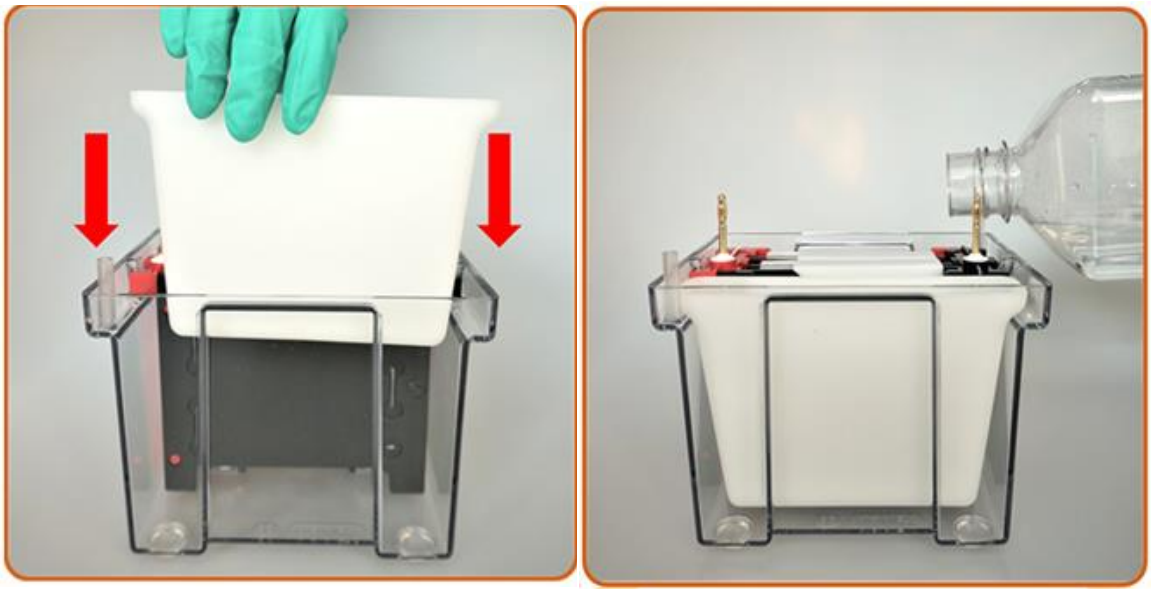

Image 7: *Place cooling unit into the buffer tank (left). Fill the buffer tank with Transfer Buffer (Right)*

8) Close the Buffer Tank with the Lid as shown below and start the transfer.

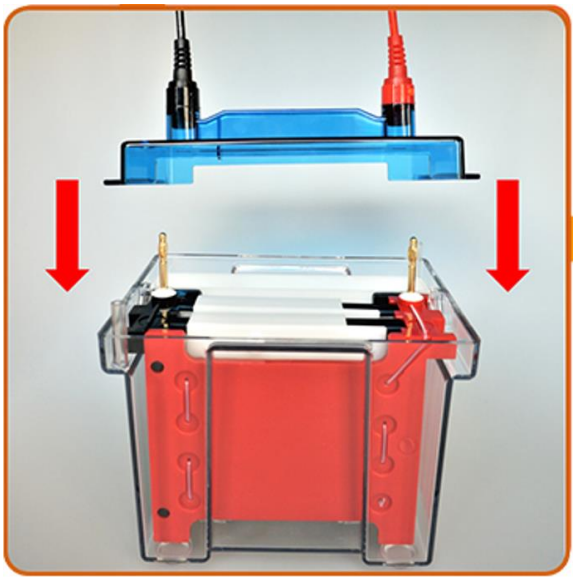

Image 8: *Place the lid over the buffer tank and start the run.*

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