

MAX8 QUICK USER GUIDE

1 PREPARE REAGENTS



- Prepare the following reagents for transferring:
 - 1× Transfer Buffer: 700 mL per station
 - Wash Buffer (DI Water): 500 mL per station
- Insert 3 color-coded tubes into corresponding reagent bottles and ensure all tubing lines are properly connected.

Note:

If using YamayBio Transfer Buffer (Cat. No. MS8134), dissolve one packet of granules in 1.3 L DI water. Once dissolved, add 200 mL of **methanol** and mix thoroughly.

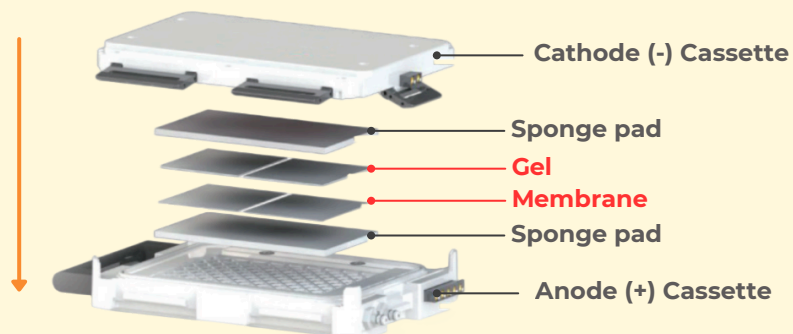
2 PREPARE THE GEL & MEMBRANE



- Fully soak the sponges in transfer buffer before assembling the transfer stack.
- Remove the gel carefully from the cassette after electrophoresis and trim excess gel.
- Equilibrate the gel in transfer buffer for maximum of 3 minutes.
- Prepare the membrane according to the membrane type used:
 - PVDF Membrane (**Activation Required**):
 - Activate the membrane in methanol for 15–30 seconds.
 - Equilibrate the membrane in transfer buffer for 2 minutes.
 - Nitrocellulose Membrane:
 - Equilibrate the membrane directly in transfer buffer for 3 minutes.

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3 TRANSFER SANDWICH CONFIG



- Open the transfer cassette and place it on a clean, flat bench.
- Assemble the transfer sandwich according to above configuration.
- Use a roller to remove any air bubbles between the gel and the membrane before closing the cassette.

IMPORTANT:

1. Proper stack configuration, removal of air bubbles are critical for successful transfer.
2. Ensure that the sponges are positioned **below** the arrow indicator.
3. If using two mini gels, leave a small gap between them so they do not touch each other.

4 RUN TRANSFER

- Close and lock the cassette lid securely, and insert the cassette into the station.
- Select the required “**Method**” from the screen and tap “**Start**” to begin the transfer.
- Once the transfer is complete, remove the cassette and retrieve the membrane.
- Dispose of the single-use sponge pads.

IMPORTANT:

- Do not allow the membrane to dry during assembly or disassembly of the transfer sandwich.

5 WASH AND SHUT DOWN

- Insert all cassettes, place transfer buffer tube into wash buffer container filled with sufficient DI water.
- Tap “**Wash**” at the bottom of each station screen to start the wash cycle.
- After wash cycle is complete, remove wash buffer tube, transfer buffer tube from the container, leave both tubes exposed to air.
- Tap “**Drain**” at the bottom of each station screen to start drain cycle.
- Empty all containers and open cassette to air-dry.