

## ProSieve™ EX transfer buffer

### Instructions for use

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#### Introduction

ProSieve™ EX transfer buffer for Western blotting is a modified Towbin classic buffer. This proprietary formulation drastically increases the transfer speed without excessive heat generation affecting the proteins.

ProSieve™ EX transfer buffer does not require methanol or SDS, but it is compatible with these additives to slow the higher molecular weight protein transfer.

#### Contents

Supplied as a 10X concentrate

Store at room temperature for up to 1 year from the date of manufacture.

#### Protocol

1. Prepare a 1X transfer buffer solution by diluting the stock buffer (10X solution) with distilled water.
2. Soak the gel for 5 minutes in distilled water, then 5 minutes in 1X ProSieve™ EX transfer buffer.
3. Soak the membranes and pads for at least 5 minutes in 1X ProSieve™ EX transfer buffer.

*Note: if necessary pre-wet transfer membrane prior to equilibration following your normal protocol (e.g. methanol for PVDF)*

4. Prepare the transfer assembly as usual for your tank or semi-dry blot following the manufacturer instructions.

Suggested running conditions for tank and semidry assemblies:

|                  |           |
|------------------|-----------|
| Tank blot:       |           |
| Current transfer | Time      |
| 375 mA           | 10-15 min |

#### Semidry blot:

|                   |           |
|-------------------|-----------|
| Constant settings | Time      |
| 375 mA            | 10-15 min |
| or                |           |
| 25 V              | 10-15 min |

#### Notes

- Buffer is compatible with all suitable membrane types used in western blotting (PVDF, Nitrocellulose, Nylon, etc...)

#### Product Safety

For details regarding product safety, see material safety data sheet (MSDS); call +1 (800) 638-8174 for extra copies of the MSDS. Emergency after hours, call collect +1 (303) 595-9048.

#### Ordering Information:

| Catalog # | Description                  | Size |
|-----------|------------------------------|------|
| 00200309  | ProSieve™ EX transfer buffer | 1L   |

#### Related Products:

PAGEr™ gold tris-glycine precast gels  
PAGEr™ minigel chamber and blot module kit  
ProSieve™ EX running buffer  
ProSieve™ ProTrack™ dual color protein loading buffer  
ProSieve™ blue protein staining solution  
ProSieve™ protein markers (stained and unstained)  
AccuGENE™ molecular biology grade water

#### For research use only.

**Not for use in diagnostic procedures.**

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