

ProSieve™ EX transfer buffer

Instructions for use

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

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Not for use in diagnostic procedures.

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