



Version 2

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Protein Transfer using Bio-rad TransBlot Turbo V.2

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Works for me

This protocol is published without a DOI.

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ABSTRACT

A protocol for transfer of proteins from acrylamide gels onto nitrocellulose membrane for immunoblot analysis. This protocol is based on the assumption that TGX pre-cast gels have been used, the procedure is very similar for self-made gels, just that the running time is longer. Using the transfer packs is economically similar to wet-transfer using MeOH.

Note: Clean the apparatus immediately after use with dH₂O and dry. This prevents the build-up of salts and rust which impair performance.

Literature:

Full manual: <https://www.bio-rad.com/webroot/web/pdf/lsr/literature/10020688.pdf>

Quick-start: <https://www.bio-rad.com/webroot/web/pdf/lsr/literature/10016505D.pdf>

Transfer pack: <https://www.bio-rad.com/webroot/web/pdf/lsr/literature/10019593D.pdf>

PROTOCOL CITATION

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<https://protocols.io/view/protein-transfer-using-bio-rad-transblot-turbo-bqnnmvde>

Version created by Lynn Doran

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IMAGE ATTRIBUTION

Image reproduced from the Bio-rad website

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MATERIALS TEXT

- TransBlot^R-TurboTM Transfer System (Bio-Rad Laboratories; [1704150](#))
- Trans-Blot Turbo Mini 0.2 µm Nitrocellulose Transfer Packs (Bio-Rad Laboratories; [1704158](#))

1 Place the membrane and bottom stack in the middle of the cassette base

2 Place the pre-cast gel (following SDS-PAGE electrophoresis) in the middle of the membrane and roll to remove air-

bubbles

- 3 Place the top stack on top of the gel, gently roll
- 4 Close the cassette lid, taking care not to disturb the gel
- 5 Place the cassette in the Trans-Blot Turbo and follow the instructions on the machine (Fast protocol TGX gel).

Trans-Blot® Turbo™
Protein transfer apparatus
Bio-rad Laboratories 1704150EDU [↗](#)

- 6 Either dry membrane and store at **4 °C** for later use or proceed immediately to fluorescent western protocol