VERSION 1

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Protocol status: In development
 We are still developing and optimizing this protocol

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 45333

Protein Transfer V.1

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ABSTRACT

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>

MATERIALS

- 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 pre-cast gel 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).

Equipment	
Trans-Blot® Turbo™	NAME
Protein transfer apparatus	TYPE
Bio-rad Laboratories	BRAND
1704150EDU	SKU
https://www.bio-rad.com/en-us/product/trans-blot-turbo-transfer-system?ID=M7FAX015	LINK

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