

Fig.1: SDS-electrophoresis with ElphoGel SDS BlotSlot

General:

One of the major steps in production of immunological test-sticks is the separation, concentration and identification of the reactive proteins in the different sera. This is performed via SDS-electrophoresis out of one single slot. A reproducible and a straight electrophoretic run is a presupposition for the following steps.

The following equipment is recommended:

Electrophoretic Hardware:

flatbed professional	(edc-prof-2836)
or: Multiphor	(GE-18-1018-06)
SemiDry Blotter NovaBlot	(GE-18-1016-85)
Gelremover	(edc-FB-gr1)

Consumables:

ElphoGel SDS BlotSlot Kit	(edc-420x)
4 gels with 1 slot à ~400 µl, anode and cathode buffer, electrode strips	

Additionally necessary:

Electrode Pool	(edc-me-e)
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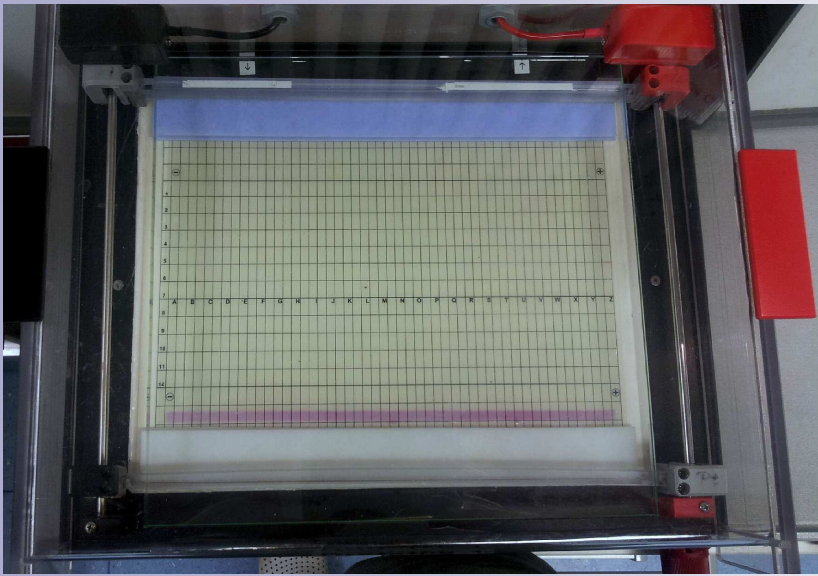


Fig.2: SDS-electrophoresis out of 1 slot

Fig.3: the gel removing apparatus

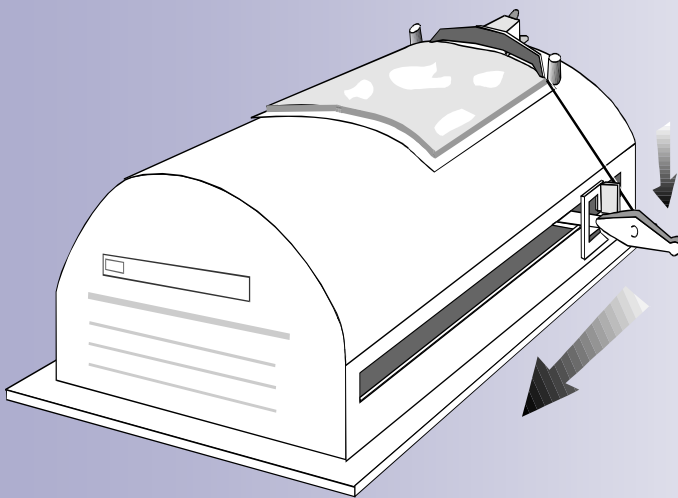


Fig.4: cutting the gel from the support film

Fig.5: the blotting batch

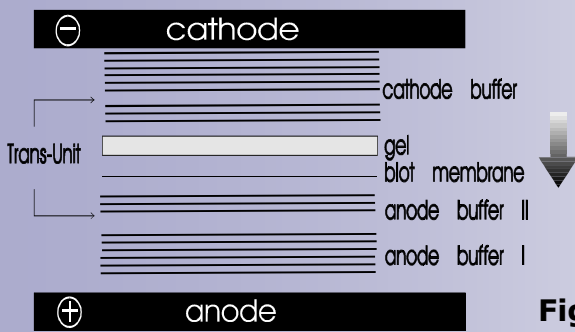
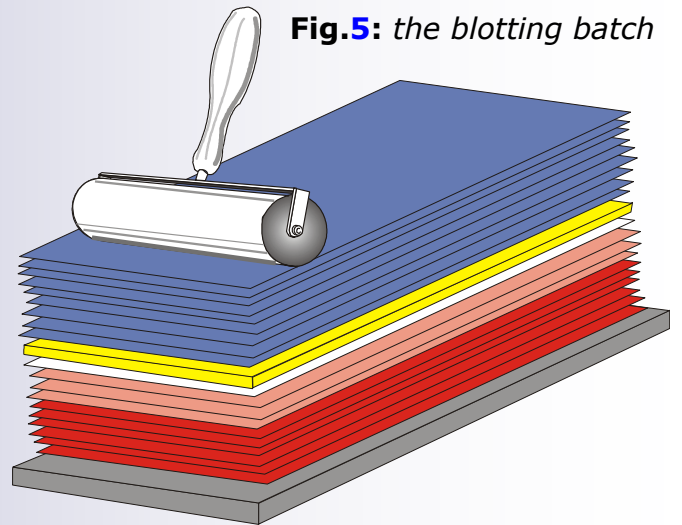


Fig.6: semi-dry blotting

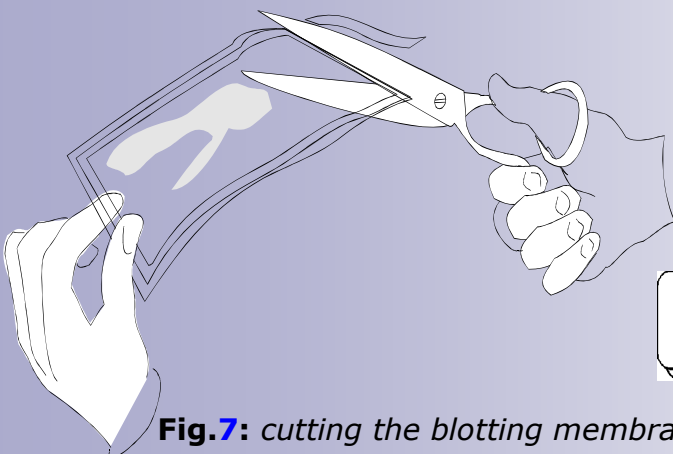


Fig.7: cutting the blotting membrane

Fig.8: the ready produced test-stick

