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Fabric Reinforced Polyacrylamide Gels for Electroblotting*

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The preparation of 0.5 mm fabric reinforced polyacrylamide (FRP) gels is described. After isoelectric focusing, egg white and isoelectric point marker proteins were quantitatively transferred in only 20 min from the FRP gels to nitrocellulose membranes by electroblotting. FRP gels combine the advantages of previously described suports for polyacrylamide gels with penetrability for electric current during blotting. The gels may be conveniently stored and afford operational versatility.

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