

Title	Fabric reinforced polyacrylamide gels for electroblotting
Sub Title	
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Publisher	共立薬科大学
Publication year	1985
Jtitle	共立薬科大学研究年報 (The annual report of the Kyoritsu College of Pharmacy). No.30 (1985.) ,p.92- 92
JaLC DOI	
Abstract	
Notes	抄録
Genre	Technical Report
URL	https://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00062898-00000030-0092

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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 supports for polyacrylamide gels with penetrability for electric current during blotting. The gels may be conveniently stored and afford operational versatility.

* 本報告は *Electrophoresis* (Weinheim, FRG), 6, 349—350 (1985) に発表