Basic pH gradient with high sample loads

For high protein loads in basic gels, Hoving et al. (2002) suggest some
additional measures to achieve good 2-D patterns in the gradients pH 6-11,
6-9, and narrow ranges:

Hoving S, Gerrits B, Voshol H, Müller D, Roberts RC, van Oostrum J.
Proteomics. 1 (2002) in press.

· Rehydration of the IPG strips overnight in 7 mol/L urea, 2 mol/L
thiourea, 4 % CHAPS, 2.5 % DTT, 10 % isopropanol, 5 % glycerol, 2 % IPG
buffer pH 6-11.

· Cup loading at anodal side of 18 cm strips.

· At the cathodal side a "CleanGel" paper wick soaked in rehydration
solution plus 3.5 % DTT is added. The protocol was optimized in the
Multiphor electrophoresis chamber. For the cup loading strip holder in the
IPGphor a 25 ´ 8 ´ 1 mm IEF electrode strip can be used like the paper
bridge in figure 20, but without the intermediate electrode pad.