

IEF lysis buffer

9M Urea	5.4 g
Ampholine(pH5-7)	0.4 ml
Ampholine(pH 3.5-10)	0.1 ml
NP-40	2.0ml
2ME	0.5 ml

add water to 10 ml and dissolve completely
marker (BPB and crystal violet)

Overlayer buffer: IEF lysis buffer with half of Urea

4M Urea	2.1 g
Ampholine(pH5-7)	0.4 ml
Ampholine(pH 3.5-10)	0.1 ml
NP-40	2.0ml
2ME	0.5 ml

add water to 10 ml and dissolve completely

IEF gel (4% gel)

Urea		2.16 g
30% acrylamide		532 μ l
40% Ampholine	(pH 5-7)	160 μ l
	(pH3.5-10)	40 μ l
10% NP-40		800 μ l

add water to 4 ml and dissolve completely

10% PAS	4 μ l
TEMED	4 μ l