IEF lysis buffer

- 9M Urea 5.4 g
- Ampholine (pH 5-7) 0.4 ml
- Ampholine (pH 3.5-10) 0.1 ml
- NP-40 2.0 ml
- 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 (pH 5-7) 0.4 ml
- Ampholine (pH 3.5-10) 0.1 ml
- NP-40 2.0 ml
- 2ME 0.5 ml

Add water to 10 ml and dissolve completely.

IEF gel (4% gel)

- Urea 2.16 g
- 30% acrylamide 532 ml
- 50% Ampholine (pH 5-7) 160 ml
- 50% Ampholine (pH 3.5-10) 40 ml
- 10% NP-40 800 ml

Add water to 4 ml and dissolve completely.

- 10% PAS 4 ml
- TEMED 4 ml