

Equilibration Buffer I #0080-0233, 50 ml

Genomic Solutions' Equilibration Buffer I has been designed as the first step solution in post-IEF sample preparation. This solution coats the separated proteins with SDS and reduces sulfhydryl groups.

Shelf life:

- Storage: -70°C
- Stability: 1 year

Reagent	Final Concentration
Urea	6 M
DTT	130 mM
Glycerol	30%
Tris base	45 mM
SDS	1.6%
Bromophenol Blue	0.002%

pH ~ 7.0

Upon completion of isoelectric focusing:

1. When focusing is complete, disconnect power supply and remove IPG strip or extrude tube gel and place into equilibration tray
2. Add 10 ml Equilibration Buffer I and incubate with gentle shaking for 10 minutes
3. Discard buffer and repeat with another 10 ml of Equilibration Buffer I
4. Discard buffer I and add 10 ml Equilibration Buffer II
5. Incubate with gentle shaking for 10 minutes
6. Remove strip or gel from tray and place onto second dimension gel

Related Products:

Equilibration Buffer II #0080-0232, 50 ml

Equilibration Trays #0080-0045, (5/pack)

pHlash IPG strips, variety-please inquire

Pre-cast tube gels, variety-please inquire

Pre-cast second dimension gels, variety-please inquire

Genomic Solutions offers a complete line of electrophoresis products, pre-cast gels, and gel stains.