

## Equilibration Buffer II #0080-0232, 50 ml

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

Shelf life:

- Storage: -70°C
- Stability: 1 year

| Reagent          | Final Concentration |
|------------------|---------------------|
| Urea             | 6 M                 |
| Iodoacetamide    | 135 mM              |
| Glycerol         | 30%                 |
| Tris base        | 45 mM               |
| SDS              | 1.6%                |
| Bromophenol Blue | 1.6%                |

*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 I #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.*