

Sample Buffer II

Part #0080-0170, 1 ml

Genomic Solutions' Sample Buffer II has been designed as the second step solution in sample preparation. It contains DNase and RNase to eliminate possible interferences in subsequent isoelectric focusing.

Shelf Life:

- Storage: -70°C
- Stability: 1 Year

Reagent	Final Concentration
Tris HCl	500 mM
MgCl ₂	50 mM
DNase I	1 mg/ml
RNase A	0.25mg/ml

pH ~ 8.0

Sample Buffer II can be used according to the following guidelines:

Cultured Mammalian Cells: 1/10 volume Sample Buffer II after lysing with Sample Buffer I, incubate on ice up to 8 minutes

Plant and other tissue types (Insect, Organ): 100 µl/ml Sample Buffer II after lysing with Sample Buffer I, incubate on ice up to 10 minutes

Bacterial Cells: 4 µl Sample Buffer II to the pellet from a 1 ml of a 1 O.D. (420 nm) culture lysed with Sample Buffer I previously.

These amounts are merely a guideline and by no means represent the definitive protocol for corresponding samples.

Related Products:

Sample Buffer I #0080-0247, 5 ml • #0080-0169, 25 ml

Sample Buffer III #0080-0171, 25 ml

Sample Buffer Mix #0080-0172, 25 ml

Tris HCl #0080-0078, 250 g • #0080-0161, 1 kg

Tris base #0080-0077, 500 g • #0080-0160, 2.5 kg

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