Molecular Biology Grade

# Tricine Running Buffer

| Poduct | Con. | Cat# | Size |
|---|---|---|---|
| Tricine Running Buffer | 10X | IBS-BT034 | 500 ml |
| | 10X | IBS-BT034-1 | 1 L |

**Components :** 1X Tricine Running Buffer contains Tris 100 mM, Tricine 100 mM, SDS 0.1%

**Form / Storage :** Ready to use liquid. Store tightly capped at room temperature. Stable for a minimum 1 year from date of receipt at room temperature.

**Description :** For use as a cathode buffer for Tris-Tricine gel electrophoresis to separate low molecular weight proteins.
10X Tricine Running Buffer can be used as the cathode (upper reservoir) buffer for SDS-PAGE of roteins using the Schagger and von Jagow method. The Schagger and von Jagow method is designed for the separation of small molecular weight proteins. It differs from the Laemmli method in that the Glycine is replaced with Tricine and the gel contains 1 M Tris-HCl, pH 8.45 instead of 0.375 M Tris-HCl, pH 8.9. Dilution of the 10X buffer produces a 1X cathode buffer containing 100 mM Tris, 100 mM Tricine and 0.1% SDS, pH 8.2. Recommended running conditions is 125 volts.

**Applications :**
Polyacrylamide gel electrophoresis of low molecular weight proteins
SDS-PAGE (Schagger and von Jagow method) for separation of small molecular weight proteins

**Related Products**
Acrylamide-Bis solution
5X Tricine Loading buffer
Tris-CHl/SDS, pH 8.45