

# 10X FastRunning Buffer

Cat# A1007 500 ml  
A1008 1000 ml

Storage: Room Temp.

## INTRODUCTION

FastRunning Buffer is a proprietary formulation to increase separating speed while decreasing heat generation from gel electrophoresis. FastRunning Buffer is compatible with commercially available and homemade gel based on tris-glycine and Laemmli method.

## CHARACTERISTICS

1. Time-saving: Shorten experiment time from 90min(at least) to 35 min. (60% saving)
2. Better resolution: Sharp bands as result of proprietary reduced heat generating buffer formulation that prevents protein degradation.
3. Compatibility: Suitable for commercially available and homemade gels.

## PROTOCOL

### ***Reagent Preparation***

Dilute 10X FastRunning Buffer with ddH<sub>2</sub>O to 1X FastRunning Buffer. After dilution, 1X FastRunning Buffer should be store at 4°C.

### ***Running Gels***

Note : If it is the first time using FastRunning Buffer, preliminary test is recommend for running pre-stained marker.

Optimize running voltage and time.

1. Fill running tank with 1X FastRunning Buffer and rinse the sample well of precast gel with 1X FastRunning Buffer.
2. Load appropriate volume of samples and lid on the gel boxes.
3. Set the adequate electrophoresis conditions.

### **Recommended Conditions:**

**Tris/SDS/ PAGE:** 170V, for about 35 min.

**Gradient Gel:** 1.Stacking 100V, 5 min 2.Gradient Gel 170V 35 min.

## PRODUCT USE LIMITATION

These products are intended for research use only.