



PRODUCT INFORMATION

SuperRun™ Running buffer for Precast Gradient

Product information for DG3702/DG3692:

Product:

Cat. Number	PROTEIN ELECTROPHORESIS FULL ITEM DESCRIPTION	Unit Size	Storage	Shelf life (Mths)	Suggested stock
DG3692	SuperRun™ Running buffer for Precast Gradient, native	500 ml	RT	24	1
DG3702	SuperRun™ Running buffer for Precast Gradient, denaturing	500 ml	RT	24	4

Introduction:

SuperRun™ running buffer, a modified Laemmli classic buffer, is a proprietary formulation to drastically increase the separation speed without excessive heat generation affecting the gel.

SuperRun™ running buffer is available under liquid or powder form. It can be used as a native or a denaturant (with SDS) buffer or as an additive to the Tris-Glycine buffer. This buffer is also compatible with all protein gel chemistries and Western blotting applications.

Feature:

- **Fast Speed:** 85% time saving from 90min. to 15 min. (@250V) compared to traditional buffer
- **High Performance:** Sharp and razor crisp protein bands as result of proprietary reduced heat generating buffer formulation that prevents protein modification or degradation
- **Compatibility:** Most precast gels* in market and homemade gels with all gel formulations of pH > 8.0

*exclude NuPAGE® Protein Gel. NuPAGE® is registered trade make of Life Technologies.

Protocol:

The most common application is to prepare a 1X running buffer solution by diluting the stock buffer (10X liquid or powder) with distilled water and to run it under your normal conditions, **between 150 and 250 V.**

For example, a short gel (cassette size 10 cm X 8.2 cm) will take 18 minutes at 220 volts to complete its run.



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Your results may vary so it is important to monitor the first few runs as you adapt SuperRun™ to your working conditions.

SuperRun™ buffer is optimized to yield faster separation with enhanced resolution.

IMPORTANT TIP: Achieve even faster gel separation at higher voltage!

Shipping and Storage Conditions:

Shipped in room temperature

Store in room temperature up to 2 years from date of manufacture