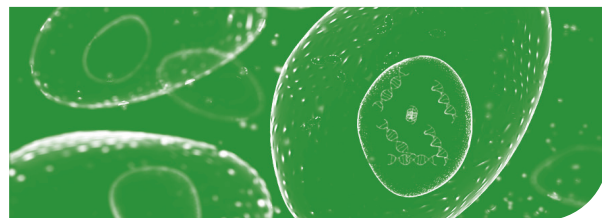


# Tris-Glycine-SDS Powdered Electrophoresis Buffer

Catalog #655

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## PREPARING THE BUFFER:

1. To make a 10x concentrate, dissolve the powdered mix in 500 ml of distilled or deionized water (a stir plate, if available may be useful).
2. After the buffer concentrate is completely dissolved, dilute 1 part concentrated buffer in 9 parts distilled or deionized water.
3. The 1x buffer is now ready for electrophoresis.
4. Store unused buffer at room temperature and use within two-three months.

## Useful Information:

- Store at room temperature.
- Enough is provided to make 5 liters of 1x buffer.
- The tris-glycine-SDS electrode buffer can be used for the electrophoresis of denatured proteins in polyacrylamide and agarose gels\*.

\*Note: when making agarose gels with tris-glycine-SDS electrode buffer, melt the agarose in distilled or deionized water first, then add 1 part tris-glycine-SDS electrode buffer for every 9 parts molten agarose. Mix gently to minimize bubbling, then pour gels (the final molten agarose temperature must not be hotter than 60°F).

