

These preweighed and premixed powdered formulations save time, energy and money on common laboratory procedures. Simply add deionized water, mix and use.

Acrylamide/Bis Premixes

- Added convenience and safety
- Reduces waste and expense
- Better efficiency

ICN's acrylamide/bis premixed powders are prepared from *Ultra Pure* acrylamide and N,N'-Methylene-bis-acrylamide. These premixes eliminate spillage and waste, tedious weighings and excessive handling of toxic powders. Three convenient ratios are available in two sizes requiring only the appropriate volume of deionized water to form a stock solution stable up to one month at 4°C.

| Cat. No. | Premix Ratio | Quantity |
|----------|--------------|----------|
| 800655 | 19:1 | 30 g |
| 800656 | | 200 g |
| 800657 | 29:1 | 30 g |
| 800658 | | 200 g |
| 800659 | 37.5:1 | 30 g |
| 800660 | | 200 g |



Premixed Electrophoresis Buffers

- Saves time
- Eliminates waste
- Reduces cost

ICN's handy preparations simplify procedures by eliminating repetitive weighings and numerous individual components. They are conveniently packaged in foil pouches for added protection. Each pouch reconstitutes to 4 liters of working solution with one exception. ICN's Tris-acetate-EDTA Running Buffer (cat. no. 821804) makes 10 liters. Just mix the contents with deionized water and a precise buffer solution is ready-to-use. Each box contains 12 premixed pouches.

DNA/RNA Running Buffer, pH 8.0

For DNA and RNA electrophoresis protocols.
Final concentration: 20 mM Tris HCl, 0.2 mM EDTA, 5 mM NaCl.

816203 1 box

TAE Running Buffer, pH 8.15

For nucleic acid procedures involving agarose or acrylamide gels.
Final concentration: 40 mM Tris-Acetate, 1 mM EDTA.

821804 10 liters

TBE Buffer, pH 8.3

A non-SDS based buffer commonly used for acrylamide gel electrophoresis.
Final concentration: 0.089 M Tris, 0.089M Boric acid and 0.0025M EDTA.

816202 1 box

Tris-EDTA Buffer, pH 7.4

For DNA extractions from Low Gel Temperature agarose gels.
Final concentration: 10 mM Tris HCl, 0.1 mM EDTA.

816204 1 box

Tris-Glycine Buffer, pH 8.3

Routinely used for protein blotting (western blotting) protocols.
Final concentration: 0.25M Tris, 0.192M Glycine.

816200 1 box

Tris-Glycine-SDS Buffer, pH 8.3

Commonly used running buffer for protein electrophoresis.
Final concentration: 0.25M Tris, 0.192M Glycine, 0.1% SDS.

816201 1 box

Tris-NaCl-EDTA Buffer, pH 8.0

For extracting RNA from protein following guanidine HCl protocols.
Final concentration: 20 mM Tris HCl, 100 mM NaCl, 2 mM EDTA.

816205 1 box

Tris-NaCl-EDTA Buffer, pH 7.6

For RNA isolation following cesium chloride protocols.
Final concentration: 20 mM Tris HCl, 50 mM NaCl, 10 mM EDTA.

816206 1 box

Preweighed Substrates

CATALOG
NUMBER

| | | |
|---|--|---------|
| 36315 0-5°C | 3,3'-DIAMINOBENZIDINE Tetrahydrochloride | 6x1 ml |
| DAB is oxidized to a reddish brown precipitate which is deposited at the site of the enzyme reaction. For immunostaining of blots, cells, and tissue sections. Each vial reconstitutes to 1 ml of 0.5% DAB which dilutes to 10-25 ml of working solution. | | |
| 980551 -20°C | 3,3'-DIAMINOBENZIDINE (DAB) Powder Concentration: 0.6 mg/ml | 6 vials |
| 150826 0°C | 3,3'-DIAMINOBENZIDINE [7411-49-6] (DAB) Tetrahydrochloride Available in Ready-to-Use preweighed serum vials. Buffer may be directly injected with a hypodermic syringe without exposing the contents of the vial to the atmosphere. C ₁₂ H ₁₄ N ₄ • 4HCl MW 360.1 | 100 mg |
| 36317 0-5°C | o-PHENYLENEDIAMINE Dihydrochloride | 6x1 ml |
| OPD is oxidized to a yellowish-orange soluble product. Intended for ELISA and other solution assays. Each vial reconstitutes to 1 ml of 3% OPD which dilutes to 30-60 ml of working solution. | | |
| 36318 0-5°C | 3,3',5,5'-TETRAMETHYLBENZIDINE Dihydrochloride | 6x1 ml |
| TMB is oxidized to a deep turquoise soluble product. Intended for ELISA and other solution assays. Each vial reconstitutes to 1 ml of 1.5% TMB which dilutes to 30-150 ml of working solution. | | |
| 980701 0-5°C | p-NITROPHENYL PHOSPHATE POWDER (PNPP) | 6 vials |
| Ideal as a soluble substrate for alkaline phosphatase. The yellow color of the released nitrophenol can be measured at 405 nm. Each vial contains 100 mg. | | |
| 36319 0-5°C | 2,2'-AZINO-DI-(3-ETHYLBENZ- THIAZOLINE-6-SULFONIC ACID) (ABTS®) | 6x1 ml |
| ABTS is oxidized to an emerald-green soluble product. Intended for ELISA and other solution assays. Each vial reconstitutes to 1 ml of 1.5% ABTS® which dilutes to 30-150 ml of working solution. | | |



Powders