

VWR Powdered Buffer Packs

Description

VWR™ Powdered Buffer Packs allow for making fresh 1X buffer on demand. Each pouch makes 1L of a 1X working solution. Manufactured through a proprietary process, quality and consistency are guaranteed.

VWR Buffers are quick and easy to prepare – simply empty pouch into water and stir. No weighing, diluting or pH adjusting.

Storage

The buffer pouches are supplied in a convenient dispenser box. The dispenser should be stored at room temperature in a clean, dry location. Protect from moisture.

Limitations of Use

For research purposes only. Not intended for therapeutic or diagnostic use.

Quality Control

VWR Buffers are tested for pH, solubility and the absence of nuclease and protease activity. This product is manufactured under a comprehensive quality management system, following ISO 9001:2008 standards.

Technical Support

For trouble-shooting and tech support, contact us at technicalproductsupportNA@vwr.com or call 1-888-897-5463.

VWR is not responsible for consequential or incidental damages, whether direct or indirect, resulting from use of this product. VWRs guarantees the performance of this product as described when used in accordance with these instructions.

11/19 slj

Instructions

To make 1 liter of 1X solution:

1. Add contents of buffer pouch to a graduated cylinder or beaker.
2. Slowly add distilled water to 1 liter.
3. Mix well until all granules are dissolved (a magnetic stirrer can be used for faster results).
4. Add additional water to bring the volume to 1L, if necessary.

Cell culture and chromatography applications may require a high purity buffer. For these applications, it is recommended to use ultra-pure water and filter the buffer through a 0.22µm filter after dissolved. Also be sure to use a clean, sterile container.

Included labels can be placed on bottles.

 Read and follow handling instructions on the SDS (available on demand). Wear proper protective eyewear, clothing and glasses. Clean up any spills immediately.

Package contents and reordering

VWR Powdered Buffers are supplied in pouches that will make 1 liter of buffer at a concentration of 1X.

DNA Electrophoresis Buffers:

TAE (Tris-Acetate-EDTA)

100 pouches/box Cat # 76371-722

TBE (Tris-Borate-EDTA)

50 pouches/box Cat # 76371-724

Fast Running Buffer

100 pouches/box Cat # 76371-726

Protein Electrophoresis Buffers:

Tris-Glycine-SDS

50 pouches/box Cat # 76371-728

Tris-MES-SDS

50 pouches/box Cat # 76371-7230

Tris-MOPS-SDS

50 pouches/box Cat # 76371-732

Buffer	Cat #	1X solution in water	pH Range	Max dissolve
TAE	76371-722	40mM Tris, 20mM acetic acid, 1mM EDTA	8.2-8.4	5 min
TBE	76371-724	89mM Tris, 89mM boric acid, 2mM EDTA	8.2-8.5	8 min
Fast running buffer	76371-726	Proprietary Formulation for nucleic acid electrophoresis	8.1-8.5	8 min
Tris-Glycine-SDS	76371-728	25mM Tris, 192mM Glycine, 0.1% SDS	8.1-8.5	200 sec
Tris-MES-SDS	76371-730	50mM Tris, 50mM MES, 0.1%SDS, 1mM EDTA	6.8-7.2	200 sec
Tris-MOPS-SDS	76371-732	50mM Tris, 50mM MOPS, 0.1%SDS, 1mM EDTA	7.5-7.9	200 sec
PBS	76371-734	137 mM NaCl, 2.7 mM KCl, 10mM phosphate	7.2-7.6	100 sec
PBST	76371-736	137 mM NaCl, 2.7 mM KCl, 10mM phosphate, 0.05% Tween-20	7.2-7.6	100 sec
TBS	76371-738	137 mM NaCl, 2.7 mM KCl, 50 mM Tris	7.25-7.55	100 sec
TBST	76371-740	137 mM NaCl, 2.7 mM KCl, 50 mM Tris, 0.1% Tween-20	7.25-7.55	100 sec

Western blotting, ELISA, cell culture and chromatography buffers:

PBS (Phosphate-buffered saline)

100 pouches/box Cat # 76371-734

PBST (Phosphate-buffered saline with Tween 20)

100 pouches/box Cat # 76371-736

TBS (Tris-buffered saline)

100 pouches/box Cat # 76371-738

TBST (Tris-buffered saline with Tween 20)

100 pouches/box Cat # 76371-740



PH 800-932-5000

VWR Powdered Buffer Packs

Electrophoresis Buffers:

TAE TBE

Fast Running Buffer

Tris-Glycine-SDS

Tris-MES-SDS

Tris-MOPS-SDS

Western Blotting, ELISA and Cell Culture Buffers:

PBS PBST

TBS TBST

