

# 10X PBS pH 7.4

Store at room temperature.

<b>Catalog #:</b>	AM9624	AM9625
<b>Amount:</b>	500 mL	1 L
<b>Appearance:</b>	Clear liquid	
<b>Product Description:</b>	10X PBS is a pH-adjusted blend of ultrapure-grade phosphate buffers and saline solutions which, when diluted to a 1X working concentration, contains 137 mM NaCl, 2.7 mM KCl, 8 mM Na <sub>2</sub> HPO <sub>4</sub> , and 2 mM KH <sub>2</sub> PO <sub>4</sub> .	
<b>Storage Conditions:</b>	Store at room temperature.	

## USER INFORMATION

**General Information:** Each bottle of 10X PBS (Phosphate Buffered Saline) solution is ready to use upon dilution to the desired concentration.

## QUALITY CONTROL

	Ambion® 10X PBS buffers are tested in the following quality control assays before and after final packaging. Each buffer is filtered through a 0.2 µm filter into its final package and then autoclaved.
<b>Nonspecific Endonuclease Activity:</b>	Meets or exceeds specification when a sample is incubated for 14–16 hr with 300 ng supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.
<b>Exonuclease Activity:</b>	Meets or exceeds specification when a sample is incubated for 14–16 hr with 40 ng labeled <i>Sau3A</i> fragments of pUC19 and analyzed by PAGE.
<b>RNase Activity:</b>	Meets or exceeds specification when a sample is incubated for 14–16 hr with 25 ng labeled RNA and analyzed by PAGE.

## OTHER INFORMATION

**Material Safety Data Sheets:** Material Safety Data Sheets (MSDSs) can be printed or downloaded from product-specific links on our website at the following address: [www.ambion.com/techlib/msds](http://www.ambion.com/techlib/msds). Alternatively, e-mail your request to [MSDS\\_Inquiry\\_CCRM@appliedbiosystems.com](mailto:MSDS_Inquiry_CCRM@appliedbiosystems.com). Specify the catalog or part number(s) of the product(s), and we will e-mail the associated MSDSs unless you specify a preference for fax delivery. For customers without access to the internet or fax, our technical service department can fulfill MSDS requests placed by telephone or postal mail. (Requests for postal delivery require 1–2 weeks for processing.)

**Warranty and Liability:** *For research use only. Not for use in diagnostic procedures.*

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