

# Buffer Kit

Catalog Number AM9010

Pub. No. 4386623 Rev. B

Cat. no.	Contents	Quantity	Storage conditions
AM9070G	5 M Ammonium Acetate	100 mL	Store at room temperature.
AM9260G	0.5 M EDTA, pH 8.0		
AM9530G	1 M MgCl <sub>2</sub>		
AM9640G	2 M KCl		
AM9760G	5 M NaCl		
AM9850G	1 M Tris, pH 7.0		
AM9855G	1 M Tris, pH 8.0		
AM9915G	DEPC-Treated Water		

 **WARNING!** Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Product description

Assorted buffers (100 mL each)

**Appearance:** Clear liquid

**Storage conditions:** Store at room temperature.

## User information

These solutions are ready for use and require no extra preparation. Though not necessary, solutions can be re-autoclaved, except for the Ammonium Acetate Buffer. *5 M Ammonium Acetate should NOT be autoclaved.* If precipitates form, warm solutions to 37°C to resuspend.

**Tris Buffers:** 1 M Tris pH 7 (Cat. no. AM9850G) and 1 M Tris pH 8 (Cat. no. AM9855G) can be mixed in the following ratios to adjust the pH between 7.0 and 8.0, when measured at room temperature. The new pH is an estimate.

Tris pH 7 (mL)	Tris pH 8 (mL)	New pH
1	9	7.97
2	8	7.90
3	7	7.83
4	6	7.75
5	5	7.65
6	4	7.59
7	3	7.50
8	2	7.39
9	1	7.26

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