

GeneAmp® 10X PCR Buffer I

Catalog Number N8080006, N8080129, 4379876

Pub. No. 4376113 Rev. C

Contents	Cat. no.	Quantity	Storage conditions
GeneAmp® 10X PCR Buffer I	N8080006	1.5 mL	When stored at -20°C to -5°C in a constant temperature freezer, this product will maintain performance until the control date on the tube or bottle label.
	N8080129	6 x 1.5 mL	
	4379876	2 x 75 mL	

 **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.

Description

GeneAmp® 10X PCR Buffer I provides the preferred pH and ionic strength for PCR amplification reactions performed with AmpliTaq® DNA Polymerase.

Specifications

Composition: 100 mM Tris-HCl, pH 8.3 (at 25°C); 500 mM KCl; 15 mM MgCl₂; 0.01% gelatin in autoclaved, deionized, ultrafiltered water.

Directions

Before use, thaw frozen components to room temperature and mix well by vortexing.

For 75-mL bottles only

To prepare aliquots:

1. Autoclave 2-mL polypropylene microcentrifuge screwcapped tubes or 1.5-mL polypropylene microcentrifuge tubes at 121°C for 20 minutes.
2. Pipet 1.5 mL buffer into 2.0 mL polypropylene microcentrifuge screwcapped tubes or 1.0 mL into 1.5 mL polypropylene microcentrifuge flip-top tubes using aseptic techniques (with gloves and sterile pipette tips), capping each one as it is filled.

Store the tubes upright in a rack in a -20°C constant temperature freezer.

Limited product warranty

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