

1 M MgCl₂

Store at room temperature.

Catalog # (P/N):	AM9530G
Amount:	100 mL
Product Description:	A standard reagent for molecular biology applications that has been certified RNase-free.
Appearance:	Clear liquid
Storage Conditions:	Store at room temperature.

USER INFORMATION

General Information:	Ambion® 1 M MgCl ₂ is provided nuclease-free, ready for use, and requires no extra preparation. This solution has been filtered through a 0.2 µm filter into a sterile autoclavable bottle. If precipitates form, warm the solution to 37°C to resuspend.
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QUALITY CONTROL

	1 M MgCl ₂ is tested in the following quality control assays before and after final packaging.
Nonspecific Endonuclease Activity:	A sample is incubated for 14–16 hr with supercoiled plasmid DNA and analyzed by agarose gel electrophoresis.
Exonuclease Activity:	A sample is incubated for 14–16 hr with labeled double-stranded DNA, followed by PAGE analysis.
RNase Activity:	A sample is incubated for 14–16 hr with labeled RNA, followed by PAGE analysis.

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 . Alternatively, e-mail your request to 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.)
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