

FirstChoice® Human Burkitts Lymphoma (Namalwa) Poly(A) RNA

Store at or below -70°C .
Do not store in a frost-free freezer.

Catalog #:	AM7863
Amount:	5 μg
Volume:	10 μL
Concentration:	0.5 mg/mL
Absorbance <small>_{260/280}</small>	>1.7
Storage Conditions:	Store at or below -70°C . Avoid multiple freeze-thaw cycles. Aliquots of the product may be stored short-term at -20°C . Do not store in a frost-free freezer.
Storage Buffer:	THE RNA Storage Solution (1 mM Sodium Citrate, pH 6.4; Cat #AM7000)

USER INFORMATION

Product Description:	<p>FirstChoice® Human Cell Line Poly(A) RNA is prepared from DNase-treated total RNA obtained from human cell lines. The RNA undergoes two rounds of oligo(dT) selection using patented Ambion Poly(A)Purist™ technology to minimize the presence of ribosomal RNA. The purity and integrity of the poly(A) RNA is verified by agarose gel electrophoresis, Northern analysis, and capillary electrophoresis using the Agilent 2100 bioanalyzer.</p> <p>FirstChoice Cell Line Poly(A) RNA provides the researcher with access to RNA isolated from a cell line that might otherwise be unavailable or difficult to work with, due to small sample size or high RNase content. In addition, this RNA may serve as a positive control when a particular mRNA is known to be expressed in this cell line. FirstChoice Poly(A) RNAs are ready for use in RT-PCR, Northern analysis, ribonuclease protection assays, S1 nuclease assays, cDNA synthesis, and in vitro translation.</p>
Handling Instructions:	<p>RNA is very sensitive to degradation by exogenous ribonucleases introduced during handling. Wear gloves when handling this product. Use RNase-free reagents, tubes, and barrier pipette tips.</p> <p>Thawing Instructions Thaw just to completion at 37°C, vortex for a few seconds when fully thawed, and place on ice. Aliquot the RNA, if necessary, to minimize freeze-thaw cycles (≤ 5).</p>
Reference:	<p>1. Nyormoi O, et al. (1973) Sensitivity to EBV superinfection and IUdR inducibility of hybrid cells formed between a sensitive and a relatively resistant Burkitt lymphoma cell line. <i>Int. J. Cancer</i> 12: 396–408.</p>

QUALITY CONTROL

Functional Testing:	All Poly(A) RNAs undergo accelerated stability testing. RNA integrity is checked both before and after a 14–18 hour incubation at 37°C and is analyzed by denaturing 1% agarose gel electrophoresis and capillary electrophoresis using the Agilent 2100 bioanalyzer. Poly(A) RNAs are functionally tested by Northern blot analysis using the Ambion NorthernMax® Kit (Catalog #AM1940) and an anti-sense GAPDH probe.
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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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