

PRODUCT: Rat Stomach Total RNA

CATALOG No. 636684	CONCENTRATION 1 µg/µl	DESCRIPTION Total RNA isolated by a modified guanidinium thiocyanate method (1).
LOT NUMBER <u>MASTER</u>		PACKAGE CONTENTS 200 µg Total RNA from the tissues/cells specified below
FORM Suspension of total RNA in RNase-Free water.		TOTAL RNA SOURCE <u>For tissue source information, please refer to the lot-specific PAC supplied with the product shipment.</u>
STORAGE CONDITIONS Store at -70°C		No further RNA source information is available.
SHELF LIFE 1 year from date of receipt under proper storage conditions.		IMPORTANT NOTE To prevent contamination by RNases, always wear gloves when handling RNA. Avoid multiple freeze/thaw cycles.
SHIPPING CONDITIONS Dry ice (-70°C)		

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

This lot of total RNA was analyzed by capillary electrophoresis (CE) using an Agilent 2100 Bioanalyzer. The actual electropherogram trace for this RNA is provided below. RNA concentration and purity were evaluated by UV spectrophotometry.

Both the area ratio of the 28S/18S rRNA peaks, and the proportion (relative percentage) of these two peak areas to the total area under the electropherogram provide reliable quantitative estimates of RNA integrity. For both of these criteria, this sample meets or exceeds Clontech standards for high quality total RNA.

Peak Areas: 28S: ___% 18S: ___% Ratio 28S/18S: ___ Ratio A_{260}/A_{280} : ___

REFERENCES

1. Chomczynski, P. & Sacchi, N. (1987) Single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction. *Anal. Biochem.* **162**:156-159.

Notice to Purchaser

Clontech products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. Clontech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without written approval of Clontech Laboratories, Inc.

Clontech, the Clontech logo and all other trademarks are the property of Clontech Laboratories, Inc., unless noted otherwise. Clontech is a Takara Bio Company. ©2006 Clontech Laboratories, Inc.

This document has been reviewed and approved by the Clontech Quality Assurance Department.

(PA35882)