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PRODUCT: Mouse Brain, hypothalamus, Total RNA

CATALOG No. 636664 **CONCENTRATION** 1 µg/µl **DESCRIPTION**
Total RNA isolated by a modified guanidinium thiocyanate method (1).

LOT NUMBER 7060211

FORM
Suspension of total RNA in DEPC-treated water.

PACKAGE CONTENTS

200 µg Total RNA from the tissues/cells specified below

STORAGE CONDITIONS
Store at -70°C

TOTAL RNA SOURCE

Normal brain (hypothalamus) pooled from 1200 male BALB/c mice, ages: 9-12 weeks

SHELF LIFE
1 year from date of receipt under proper storage conditions.

No further RNA source information is available.

SHIPPING CONDITIONS
Dry ice (-70°C)

IMPORTANT NOTE

To prevent contamination by RNases, always wear gloves when handling RNA. Avoid multiple freeze/thaw cycles.

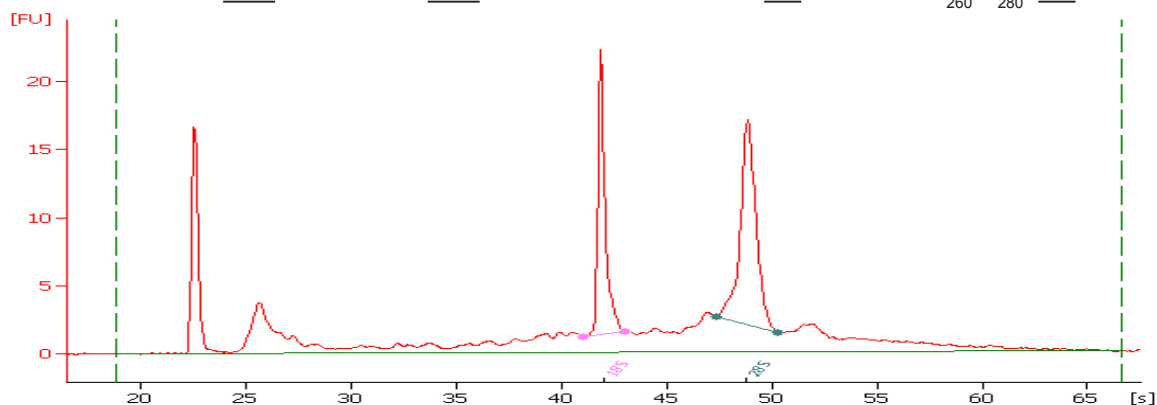
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QUALITY CONTROL DATA

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: 18.2 % 18S: 13.5 % Ratio 28S/18S: 1.3 Ratio A_{260}/A_{280} : 1.8



REFERENCES

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

APPROVED BY: _____

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