

**Agilent Total RNA Isolation
Mini Kit****Agilent Part Number: 5185-6000****Quantity: 50 Isolations****Lot # 0000009542**

The components in this kit have been tested together to ensure this product can be used to isolate high quality total RNA.

Buffer Specification Test Results Summary

<u>Reagent</u>	<u>Test Measurement</u>	<u>Specification</u>	<u>Disposition</u>
Lysis Solution	RNase Contamination	Absence of RNase activity	Passes
Wash Solution	RNase Contamination	Absence of RNase activity	Passes
Nuclease-free Water	RNase Contamination	Absence of RNase activity	Passes
Lysis Solution	pH	7.5 ± 0.1	Passes
Wash Solution	pH	7.5 ± 0.1	Passes

Storage Conditions and Stability: The Agilent Total RNA Isolation Mini Kit should be stored at room temperature (15 - 25° C) and is stable for at least 6 months after receipt under these conditions. Store the Lysis Solution at 4° C after the addition of 2-mercaptoethanol, and use within 1 month.

Shipping Conditions: The Agilent Total RNA Isolation Mini Kit is shipped at room temperature.

Agilent Total RNA Isolation Mini Kit Performance

Total RNA is isolated from the equivalent of 15 mg of mouse liver using the protocol in the Agilent Total RNA Isolation Mini Kit Manual (5188-2710). Total RNA yield, purity and integrity are measured after purification of the RNA from the liver homogenate.

Kit Performance Specification Test Results Summary

<u>Test Measurement</u>	<u>Specification</u>	<u>Disposition</u>
RNA Yield (A_{260})	$\geq 3.6 \mu\text{g}/\text{mg}$ liver	Pass
RNA Purity (A_{260}/A_{280})	$A_{260}/A_{280} = 2.0 \pm 0.2$	Pass
RNA Integrity (Bioanalyzer)	Sharp 28S & 18S rRNA bands visible	Pass

Agilent Quality: Donald Keller Date: 10/11/04

This signature indicates that the above Lot # of Agilent Total RNA Isolation Mini Kit, has met all quality specifications and has been reviewed by an Agilent Quality representative.

This product is provided for research use only.