RiboGone™ - Mammalian

Catalog Nos. | Amount | Lot Number
--- | --- | ---
634846 | 6 rxns | Specified on product label.
634847 | 24 rxns | Specified on product label.

Description

RiboGone - Mammalian allows for the specific removal of rRNA sequences (5S, 5.8S, 18S, and 28S), as well as mitochondrial rRNA sequences (12S), from human, mouse, or rat total RNA. This kit is designed for use with limited sample amounts (10–100 ng of total RNA), and works with high- or low-quality RNA. Samples processed using the RiboGone kit are ready for cDNA synthesis with random primers.

Package Contents

- 6 µl 24 µl 5X RiboGone Hyb Buffer
- 12 µl 48 µl RNase H
- 6 µl 24 µl 10X RNase H Buffer
- 24 µl 96 µl DNase I (5 U/µl)
- 24 µl 24 µl RNase Inhibitor (40 U/µl)
- 84 µl 84 µl Nuclease-Free Water
- 300 µl 300 µl RiboGone Purification Buffer

Storage Conditions

- Store all components at –20°C.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Dry ice (–70°C)

Product Documents

Documents for Clontech® products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals). The following documents apply to this product:

- RiboGone – Mammalian Protocol-At-A-Glance
Quality Control Data
A sample kit from each lot was tested as follows: 30 ng of Mouse Liver RNA was treated with RiboGone as described in the RiboGone - Mammalian Protocol-At-A-Glance. Afterwards, 8 µl of rRNA-cleared RNA was converted to cDNA using the SMARTer® Stranded RNA-Seq Kit with the following protocol modification: the RNA was sheared for 4 minutes and 15 cycles of PCR were performed. The resulting library was run on an Agilent BioAnalyzer and a High Sensitivity DNA Kit (Agilent Cat No. 5067-4626) and confirmed to be between 200–1,000 bp in length at a concentration of between 500–3000 pg/µl. The libraries were then normalized to 500 pg/µl, and qPCR was performed for the actin and 28S loci. Delta Ct measurement confirmed that the 28S locus was sufficiently decreased relative to actin.
Notice to Purchaser

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634846, 634847

NOTICE TO PURCHASER:

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Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product’s web page at http://www.clontech.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 246

RiboGone kits are covered by pending U.S. and foreign corresponding patent applications.

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