

# Room Temperature Shipping of RNA

RNA purified from human tissues and cell line

Cost Saving---

Eliminate Expensive Dry Ice Shipping

Quality Preserved

Tissue Type	Starting RIN	RIN following 3 wks storage period	
		-80 C	Ambient
Human Lung	7.5	8	7.5

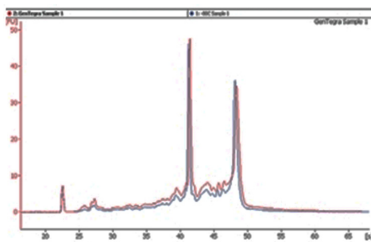


Figure 1. Comparison of the RNA integrity number (RIN) for samples stored in  $-80^{\circ}\text{C}$  and in ambient temperature. The corresponding electropherogram for the lung samples is shown (blue line= frozen sample, red line=ambient sample). After 3 weeks in the RNA stabilizer at ambient temperatures, there is no significant change in the RIN values of the samples.

Quality and Quantity Retained

Human Lymphocyte Cell Line	Conc. (ng/ul)	A <sub>260</sub> /280	A <sub>260</sub> /230
Stored in $-80^{\circ}\text{C}$	2599.60	1.88	2.08
Stored in Ambient Temperature	2581.62	2.01	2.04

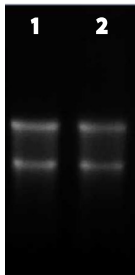


Figure 2. Comparison of the concentration and purity for samples stored in  $-80^{\circ}\text{C}$  and in ambient temperature. The corresponding RNA gel is shown (1= frozen sample, 2=ambient sample).

## Key Features

- **Easy and Flexible Storage:** Store at  $-80^{\circ}\text{C}$  to  $25^{\circ}\text{C}$
- **Economical:** shipped at room temperature without dry ice
- **Wide Selection:** RNA isolated from wide variety of hard to obtain tissues
- **High Quality:** Decontamination of polysaccharide, proteoglycan, RNase, and genomic DNA
- **Reliable:** Extensive quality control procedures
- **Convenient:** High efficiency reverse transcription

## Applications:

- RNA Seq
- MicroRNA study
- Northern Blotting, RT-PCR, and RACE
- cDNA synthesis and cDNA library construction
- cDNA microarray for profiling study in gene expression
- RNA protection and primer extension
- RNA display
- Purification of mRNA

Catalog No.	Product	Unit
ATR1234035-50	Total RNA - Human Adult Normal Tissue: Brain, Ambient temperature shipping	50 µg
ATR1234042-10	Total RNA - Human Adult Normal Tissue: Brain: Cerebral Cortex, Ambient temperature shipping	10 µg
ATR1234086-50	Total RNA - Human Adult Normal Tissue: Breast, Ambient temperature shipping	50 µg
ATR1234090-50	Total RNA - Human Adult Normal Tissue: Colon, Ambient temperature shipping	50 µg
ATR1234122-50	Total RNA - Human Adult Normal Tissue: Heart, Ambient temperature shipping	50 µg
ATR1234149-50	Total RNA - Human Adult Normal Tissue: Liver, Ambient temperature shipping	50 µg
ATR1234152-50	Total RNA - Human Adult Normal Tissue: Lung, Ambient temperature shipping	50 µg
ATR1234188-50	Total RNA - Human Adult Normal Tissue: Pancreas, Ambient temperature shipping	50 µg
ATR1254148-1	Total RNA - Human Normal Lymphocyte Cell Line, Ambient temperature shipping	100 µg

## Related Products

R1236035Alz-50	Total RNA - Alzheimer's Disease: Brain	50 µg
R1236188Dia-50	Total RNA - Diabetic Disease: Pancreas	50 µg
R1236122Hd-2	Total RNA - hypertension: Heart	50 µg
R1236149Lcs-50	Total RNA - Liver Cirrhosis: Liver	50 µg
R1236248Lup-50	Total RNA - Lupus: Stomach	50 µg
R1235086-50	Total RNA - Human Tumor Tissue: Breast	50 µg
R1235090-50	Total RNA - Human Tumor Tissue: Colon	50 µg
R1235152-50	Total RNA - Human Tumor Tissue: Lung	50 µg
R2234149	FFPE Total RNA - Human Adult Normal Tissue: Liver	1 ug
R8234149-FP	FFPE and Frozen Matched Pair Total RNA: Human Adult Normal Tissue: Liver	2 x 1 ug
K2014005	Total RNA Extraction Kit	1 kit
KS341025	MicroRNA Isolation Kit	1 kit
K1011100	FFPE Tissue RNA Extraction Kit	1 kit

Please inquire about our other RNAs and kits.

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