

# Blue-Ribbon™ Total and PolyA<sup>+</sup> RNA

## OVERVIEW

RNA is the starting material for many biomedical and genetic studies including RT-PCR gene expression assay, Northern blot analysis, 5'-RACE assay, RNA mapping, primer extension assay, and RNase protection assay. Because RNA profiles present a snapshot of the metabolic state of a cell, tissue or organ, RNA quality is of premium importance for research success. Even slight degradation of RNA could seriously compromise the results of downstream studies.

## PRODUCT FORMAT AND QUALITY CONTROL

Blue-Ribbon™ Total and PolyA<sup>+</sup> RNA is available from human, mouse and rat.

Total RNA is isolated from fresh or snap-frozen sample and the quality evaluated by denaturing agarose gel. Sharp ribosomal bands of 28S and 18S and an approximate 2:1 ratio of 28S rRNA band over 18S ribosomal band are required.

mRNAs are extracted from quality total RNAs using oligo-dT columns. All polyA<sup>+</sup> RNAs are passing through the column twice to ensure the highest purity. PolyA<sup>+</sup> RNA is quality tested by denaturing agarose gel and Northern blot hybridization.

## ORDERING INFORMATION & PRICING

MULTIPLE-CHOICE FIRST STANDARD cDNA	TISSUES AVAILABLE	CATALOG NUMBER
Human total RNA (250ug/vial)	Brain, Colon, Heart, Kidney, Liver, Lung, Muscle, Placenta, Small Intestine, Spleen, Stomach, Testis	HT-10XX
Human polyA <sup>+</sup> RNA (5ug/vial)	Brain, Colon, Heart, Kidney, Liver, Lung, Muscle, Placenta, Small Intestine, Spleen, Stomach, Testis	HM-10XX
Mouse total RNA (250ug/vial)	Brain, Heart, Kidney, Liver, Lung, Muscle, Skin, Small Intestine, Spleen, Stomach, Testis, Thymus	MT-10XX
Mouse polyA <sup>+</sup> RNA (5ug/vial)	Brain, Heart, Kidney, Liver, Lung, Muscle, Skin, Small Intestine, Spleen, Stomach, Testis, Thymus	MM-10XX
Rat total RNA (250ug/vial)	Brain, Heart, Kidney, Liver, Lung, Muscle, Skin, Small Intestine, Spleen, Stomach, Testis, Thymus	RT-10XX
Rat polyA <sup>+</sup> RNA (5ug/vial)	Brain, Heart, Kidney, Liver, Lung, Muscle, Skin, Small Intestine, Spleen, Stomach, Testis, Thymus	RM-10XX

For pricing information call Customer Service at 1-888-267-4436 ext. 1.

To Order call 888-267-4436 (M-F, 9AM-5PM EST) or fax your order to 1-301-340-9254 (24 hours)

For Technical Support call 301-340-3188 ext. 2 or visit the OriGene website at [www.origene.com](http://www.origene.com)

## PRODUCT DELIVERY AND STORAGE

Blue-Ribbon RNAs are supplied in DEPC-treated water and shipped on dry ice. Product storage at -80°C upon arrival is recommended.



**TrueClone™ Collection Blue-Ribbon™ Reagents Rapid-Screen™ Tools**

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