

Mag-Bind® Total RNA 96 Kit

High quality total cellular RNA isolation from a wide variety of cells & tissues

CAT NO: M6731



96 samples

96 samples can be processed in 90 minutes



Bead-Based

Scalable RNA purification
5-10 mg tissues; 5,000-
1x10⁶ cells



Quality

High quality RNA suitable
for demanding downstream
applications



Automatable

Adaptable on most open-
ended liquid handlers

Cost-Effective

30% less than the
the competition
on average

Mag-Bind® Total RNA 96 Kit provides a novel technology for high quality total RNA isolation from a wide variety of cells and tissues. Total RNA can be purified from 5-10 mg of tissue or from 5,000 up to 1x10⁶ cultured cells. The system combines the efficient reversible nucleic acid-binding properties of Mag-Bind® particles with our proven RNA buffer chemistry to provide superior quality RNA. Unlike column-based systems, the binding of nucleic acids to magnetic particles occurs in solution resulting in increased binding kinetics and efficiency. Particles are also completely re-suspended during the wash steps, which not only improves contaminant removal, but also increases nucleic acid purity. The Mag-Bind® Total RNA procedure can be fully automated on most robotic workstations.

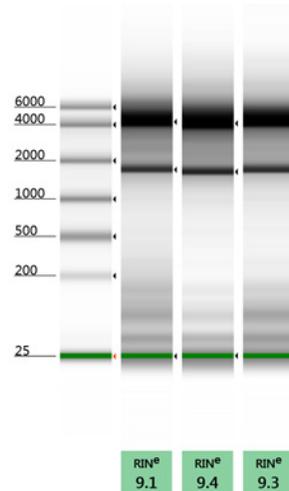
	Input Tissue (mg)	NanoDrop® (ng/μL)	NanoDrop® Yield (μg)	RIN ^e
Company Q	9	329.7	16.485	7.9
	10	187.8	9.39	8.1
	8.5	198.2	9.91	8.3
	10	416.2	20.81	7.6
Omega Bio-tek	10	348.4	34.84	6.9
	9	329.4	32.94	7.8
	8	263.6	26.36	8
	12	355.7	35.57	7.5

RNA Yield Comparison

RNA was isolated using Omega Bio-tek's Mag-Bind® Total RNA Kit and a comparable column-based kit from Company Q. RNA was quantified using Thermo Scientific's NanoDrop® 2000c.

RNA Integrity

Total RNA was extracted from 3x10⁶ cells using the Mag-Bind® Total RNA Kit and analyzed on Agilent's TapeStation® 2200.



Product Description	Preps	Cat No.
Mag-Bind® Total RNA 96 Kit	1 x 96	M6731-00
	4 x 96	M6731-01

For free samples of any of our kits, visit www.omegabiotek.com



innovations in nucleic acid isolation

Omega Bio-tek, Inc.
400 Pinnacle Way, Suite 450
Norcross, GA 30071

Phone: 770-931-8400
Email: info@omegabiotek.com
Web: www.omegabiotek.com



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