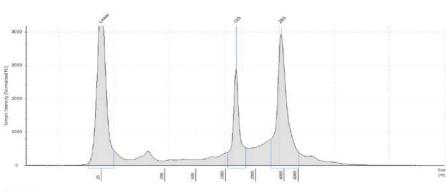
HighPrep[™] Total RNA Plus Kit

High Quality Total RNA isolation from tissues, cultured cells, and whole blood

Description

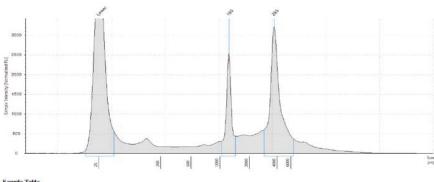
MagBio's HighPrepTM Total RNA Plus Kit is specially designed for isolation of total RNA from a wide variety of tissues, cultured cells, and whole blood. The kit uses the special lysis condition with HighPrepTM magnetic particles technology to isolate high-quality total RNA from 5-30 mg of tissue, 200 μl of whole blood, or 1 x 10⁶ of cultured cells. Purified RNA is suitable for all major downstream applications such as RNA-Seq, RT-PCR, NGS, and hybridization applications.

Electropherogram of Total RNA from CHO cells



Sample Table							
Well	RINe	28S/18S (Area)	Conc. (ng/µl)	Sample Description	Alert	Observations	
Cl	0.1	2.2	505	Coll Total DNIA 2			

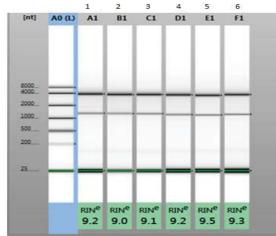
Electropherogram of Total RNA from liver tissue



Sample rathe							
	Well	RINe	28S/18S (Area)	Conc. (ng/µl)	Sample Description	Alert	Observations
	F1	9.3	2.5	41.3	Tissue Total RNA – 3		

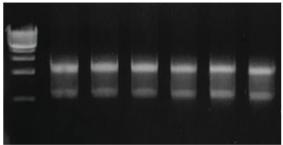
Well	RINe	28S/18S (Area)	Conc. [ng/µL]	Sample Description
A0	<u>2</u>	2 %	84.9	Electronic Ladder
A1	9.2	1.9	50.2	Cell Total RNA - 1
B1	9.0	2.1	53.5	Cell Total RNA - 2
C1	9.1	2.2	58.5	Cell Total RNA - 3
D1	9.2	2.2	47.0	Tissue Total RNA - 1
E1	9.5	2.4	43.7	Tissue Total RNA - 2
F1	9.3	2.5	41.3	Tissue Total RNA -3

Marker Total RNA from Cells Total RNA from Tissue



Total RNA was isolated from CHO cell line and fish liver tissue samples. Isolated RNA was analyzed on Agilent's Tape Station 2200. The above RNA Screen Tape confirms that high quality RNA isolation can be achieved from low input of cells and tissue with the High-PrepTM Total RNA Plus Kit.

10Kb	Total RNA from Cells			Total RNA from Tissue		
Marker	1	2	3	4	5	6



Total RNA isolated from cell and tissue samples run on 1.2% agarose gel

Ordering Information

Cat No.	Product	Preps			
HPTOR-R50	HighPrep™ Total RNA Plus Kit (50 preps)	50			
HPTOR-R100	HighPrep™ Total RNA Plus Kit (100 preps)	100			
HPTOR-R400	HighPrep™ Total RNA Plus Kit (400 preps)	400			



USA/Canada: +1 855-262-4246 / +1 301-302-0144

944 Clopper Road, Gaithersburg, MD 20878 USA | www.magbiogenomics.com

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