

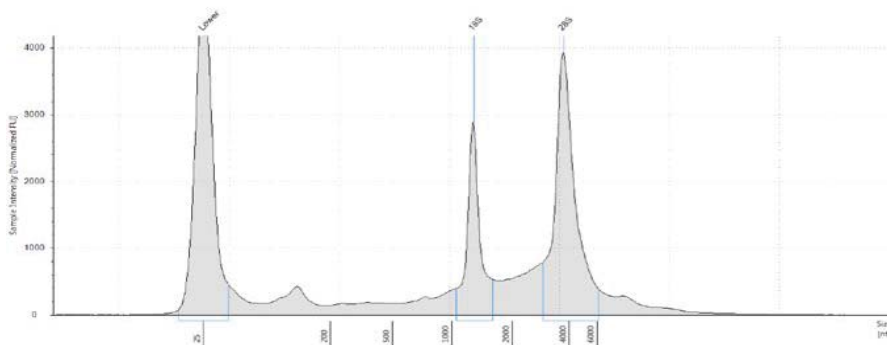
# HighPrep™ Total RNA Plus Kit

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

## Description

MagBio's HighPrep™ 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 HighPrep™ magnetic particles technology to isolate high-quality total RNA from 5-30 mg of tissue, 200 µl of whole blood, or 1 x 10<sup>6</sup> of cultured cells. Purified RNA is suitable for all major downstream applications such as RNA-Seq, RT-PCR, NGS, and hybridization applications.

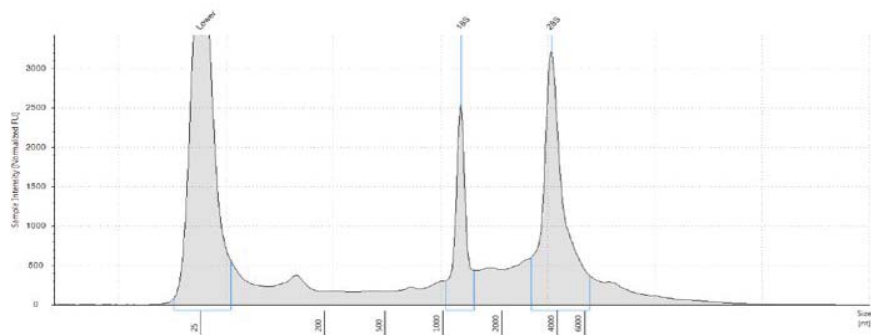
### Electropherogram of Total RNA from CHO cells



Sample Table

Well	RIN <sup>e</sup>	28S/18S (Area)	Conc. (ng/µl)	Sample Description	Alert	Observations
C1	9.1	2.2	58.5	Cell Total RNA - 3		

### Electropherogram of Total RNA from liver tissue

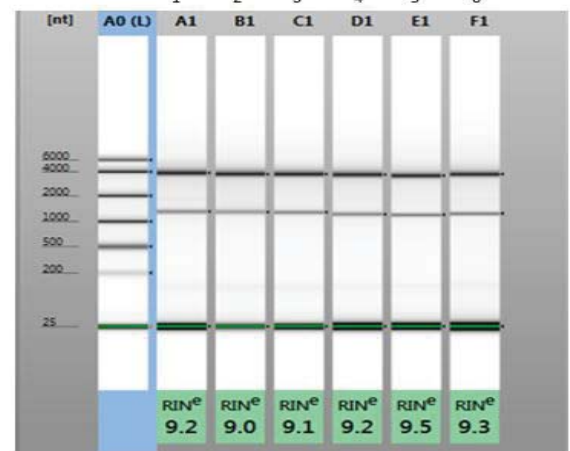


Sample Table

Well	RIN <sup>e</sup>	28S/18S (Area)	Conc. (ng/µl)	Sample Description	Alert	Observations
F1	9.3	2.5	41.3	Tissue Total RNA - 3		

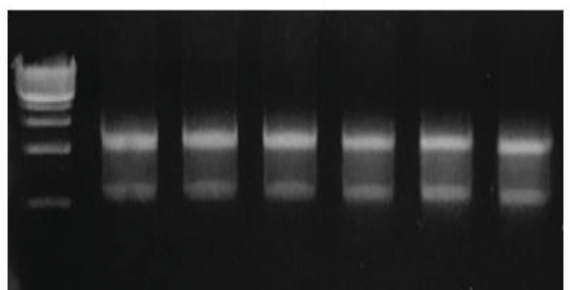
Well	RIN <sup>e</sup>	28S/18S (Area)	Conc. [ng/µL]	Sample Description
A0	-	-	84.9	Electronic Ladder
A1	9.2	1.9	50.2	Cell Total RNA - 1
B1	9.0	2.1	53.5	Cell Total RNA - 2
C1	9.1	2.2	58.5	Cell Total RNA - 3
D1	9.2	2.2	47.0	Tissue Total RNA - 1
E1	9.5	2.4	43.7	Tissue Total RNA - 2
F1	9.3	2.5	41.3	Tissue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

### 10Kb Total RNA from Cells Total RNA from Tissue



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