



Cell Data Sciences

RNAstorm™ Fresh Cell and Tissue Kit

Quick Isolation of High Quality Total RNA

Advantages

- High quality total RNA in as little as 20 minutes
- Simple workflow yielding up to 120 µg of RNA
- DNase treatment included
- No phenol-chloroform and no ethanol precipitation

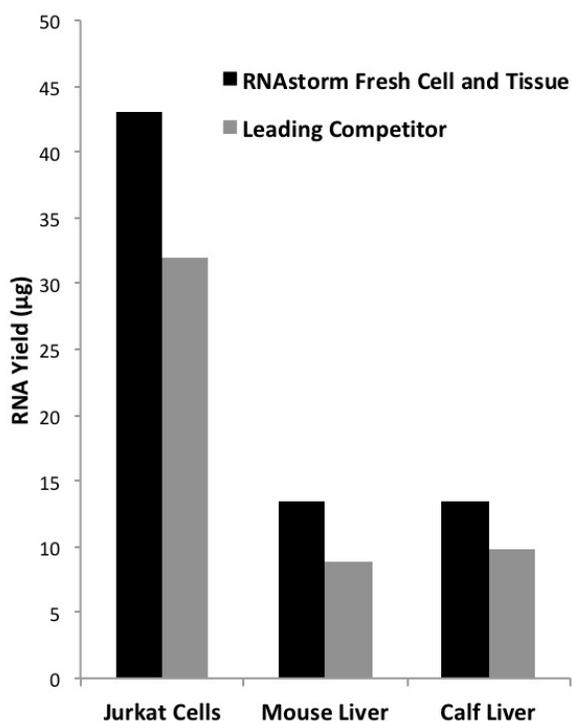


Figure 1. Total RNA yields were measured using the Qubit RNA HS Assay Kit. Total RNA from 10^7 Jurkat cells, mouse liver tissue (~8 mg) and calf liver tissue (~17 mg) tissue were extracted using the RNAstorm™ Fresh Cell and Tissue Kit and a leading competitor kit. For all samples, higher yields were obtained using the RNAstorm™ Fresh Cell and Tissue Kit.

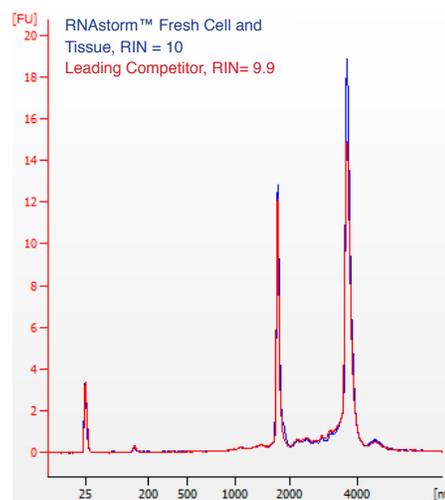


Figure 2. Electropherograms of total RNA from 10^6 Jurkat cells, extracted using the RNAstorm™ Fresh Cell and Tissue Kit and a leading competitor kit. Post extraction samples were analyzed for quality using the Agilent Bioanalyzer RNA 6000 Nano assay. The RNAstorm™ Fresh Cell and Tissue Kit delivered high quality total RNA with a RNA Integrity Number (RIN) of 10.

Applications	NGS, gene expression array, PCR, qPCR
Kit format	Manual (spin columns)
Input sample	Up to 10^7 animal cells Up to 30 mg animal tissue
Isolation time	20 minutes
Kit contents	Lysis Buffer Buffer FRB Wash Buffer DNase Buffer DNase I Spin Columns

Ordering Information

Catalog No.: CD504 (50 reactions)



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