

RNA

northern blotting RNA DNA chip , RT - PCR, cDNA library ,
 RNA RNase RNase가 가 DNA chip
 RNA RNA RNA hybridization signal genome
 1. RNA background가 가 DNA RNA 가
 2. -80 RNAlater™
 (TaKaRa Code AB001) RNA
 3. RNA RNA RNA 가
 0.1% DEPC * .Autoclave
 , autoclave .Autoclave
 (filtering)
 * :0.1% DEPC Diethyl Guanidine
 pyrocarbonate(DEPC) 0.1% thiocyanate phenol chloroform (AGPC)
 (v/v) 가 stirrer RNA EASYPrep RNA(TaKaRa Code 9095)
 (37 12) Total RNA
 , 120 30 autoclave RNase 가
 DEPC , RNase가 RNA
 : DEPC RNase (1) .
 (2) Poly(A)+ RNA
 Poly(A)+ RNA Oligo(dT) Cellulose
 Total RNA
 . Oligotex™ - dT30 <Super >

4.

RNase free

, microcentrifuge tube
micro pipet tip autoclave
, spatula
180 1

Oligo(dT) 30 5
, Poly(A)+ RNA

Poly(A)+ RNA

DEPC 0.1%
37 12 가) (,
autoclave

RNA

RNA

RNA

RNA

RNA

DNA chip

1 2 ()



RNA

(1) Total RNA A_{260}/A_{280} 가 1.8~2.1

Total RNA 1~2 μg (65, 10) RNA A_{260}/A_{280}

1% agarose gel(TBE buffer) 가 1.7 DNA chip

가 total RNA 2 ribosomal RNA $A_{260}=1$ 40 $\mu\text{g}/\text{Ml}$

RNA(: 28S 18S, : 23S) RNA : 100 μl

16S) band가 2:1) RNA : 100 μl

ribosomal RNA band가 50 (10 μl RNA +

RNase RNA가 가 490 μl TE Buffer) :

28S(23S) band $A_{260}=0.65$

band가 genome DNA RNA = 40 $\mu\text{g}/\text{Ml}$ \times A_{260} \times

DNase I(RNase - free)(TaKaRa genome DNA = 40 \times 0.65 \times 50

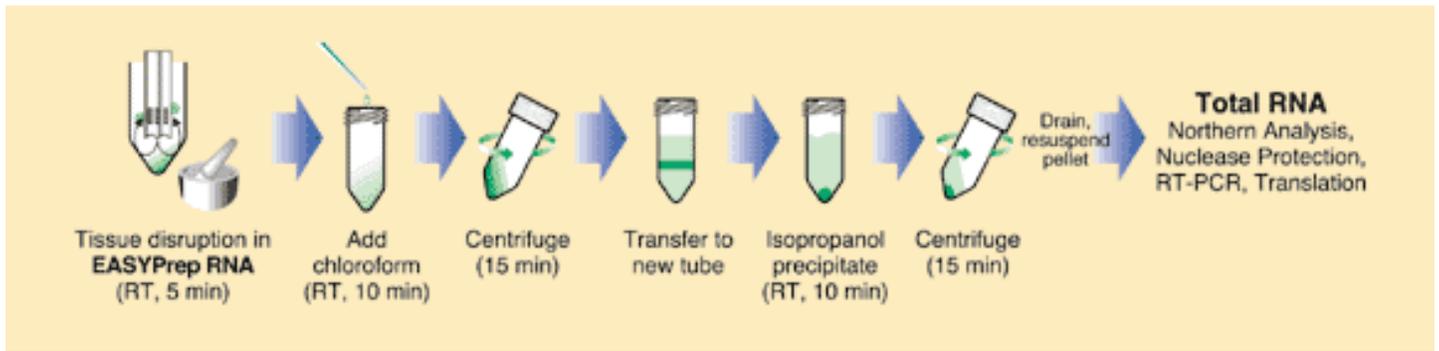
Code 2215A/B) = 1300 $\mu\text{g}/\text{Ml}$

(2) Total RNA Poly(A) + RNA TotalRNA = \times (Ml)

Total RNA(Poly(A) + RNA) = 1300 \times 0.1

260 nm 280 nm = 130 μg

Total RNA mRNA



1 EASYPrep RNA

Total RNA

TaKaRa RNA



RNase Remover (TaKaRa Code 9038 250 ml)

RNase Remover glass

, DEPC

RNase

- * - Glass , , Gel
- Spray
- RNase

RNase

RNA Preparation Water (TaKaRa Code

9011 1 L)

DEPC

RNase - free water

RNA

RNA



1 2 ()

