



Start of Processing



Check if the IC card is set.*

Turn on the power of Magtration System GC series.
(GC series: 6GC, 12GC, 12GC-UV, 12GC PLUS)

“Run” mode (the protocol name in IC-card is displayed, and then initialized the instrument automatically)

MagDEA 100
- RNA Cell/Tissue -
12GC PLUS ver.2.0
Initializing...

Display example

This screen is displayed only “12GC PLUS”. Please refer to “GC Data Station Quick Manual” (12GC PLUS) when you use the barcode reader.

Input Batch Info?
Yes = RETURN
Skip = START
Prev. = ESC

Position Information of consumables are displayed.

Select the elution volume.

Select elution vol.
1. 50 µl
2. 100 µl
Next=1or2, Prev.=ESC

Select DNase I treatment.

DNase I
1. Yes
2. No
Next=1or2, Prev.=ESC

Confirm the purification conditions.

Elution : 50 µl
DNase I : Yes
OK=RETURN, Prev.=ESC

Display example

Push **Start** key



It “beeps” after completion of running.

*Do Not insert or remove the IC card while the power is on. This may result in damage to the system. Do Not open the front door during operation because the system stops suddenly.

IC card code No.
17604 : 6GC 17304 : 12GC-UV
17204 : 12GC 17504 : 12GC PLUS

Extraction Process - Total RNA Purification -



Homogenize

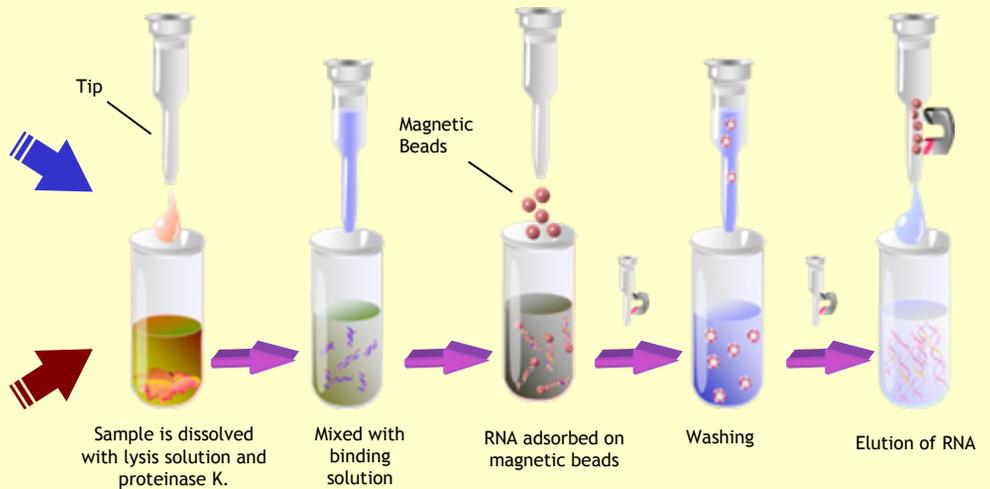
Tissue
+ RNAlater®

Crushed tissue solution 100 µl

Pipetting or Vortex

Cell
+ Physiological saline or RNAlater®

Cell suspension 100 µl



: Sample pretreatment

: Magnetic separation of magnetic beads

RNAlater® is the trademark of Ambion Inc.