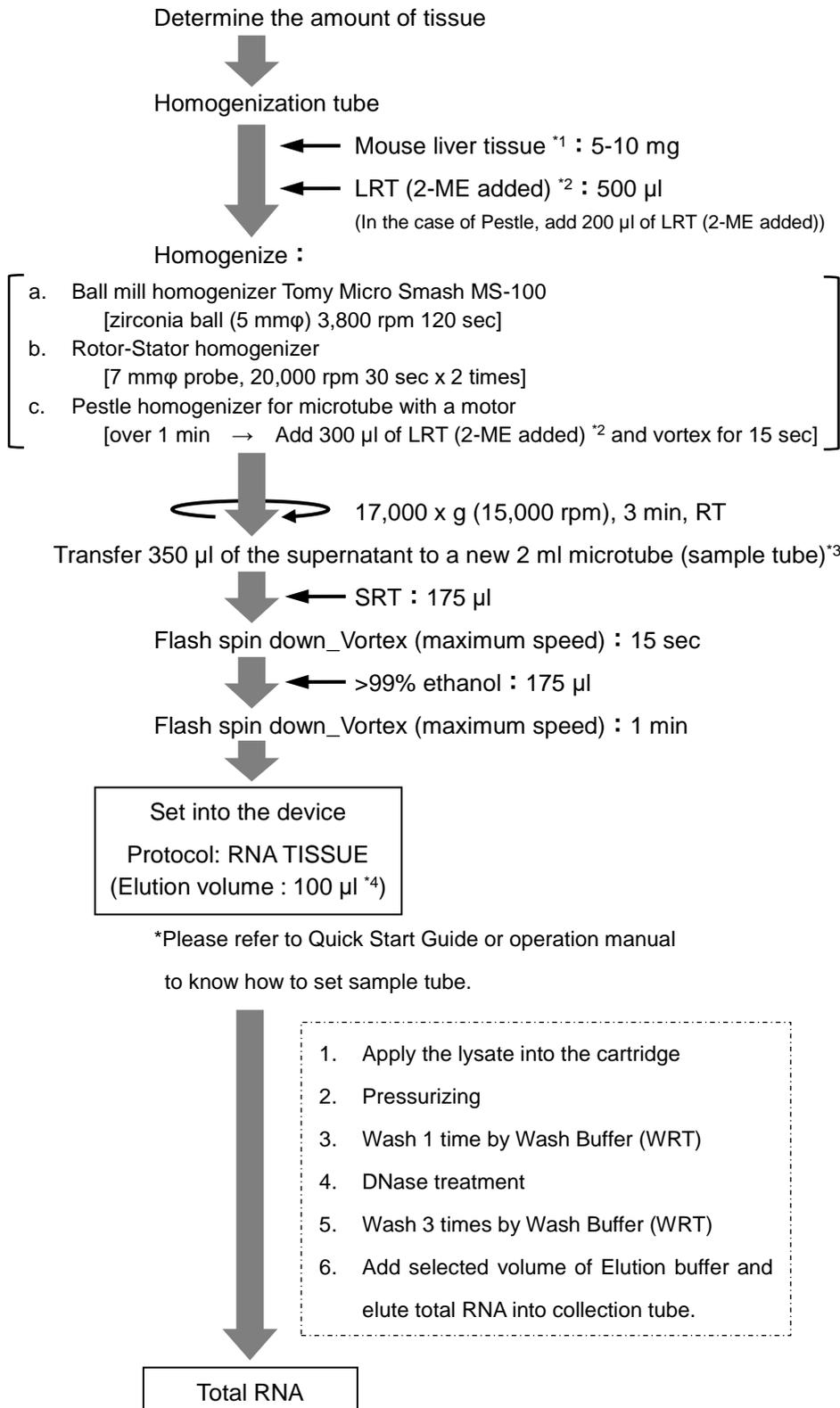


RA-b-23

Automated Total RNA Extraction from Liver of Mouse

Protocol (5-10 mg)



^{*1} Cut tissue into small blocks 1.5 to 2 mm square using a pair of scissors, a hammer, or the like.

^{*2} Add 10 µl of 2-ME per 1 ml of LRT.

^{*3} Following microtube are recommended.
#BM4020
(BM instrument co., ltd)
#72.695.700,
#72.695.500S
(SARSTEDT)

^{*4} The volume of the eluate from each cartridge is 100 µl. The volume of CRT can be reduced to 50 µl, but in that case, elution efficiency might be decreased.

Results

The yield of total RNA

Sample ID	#1	#2	#3	#4	Average	S.D.
Yield (μg)	35.0	29.8	29.9	28.1	30.7	3.01

Protein contamination : A260/280 /Chaotropic salt contamination : A260/230

Sample ID	#1	#2	#3	#4	Average
A260/280	2.36	2.32	2.33	2.30	2.33
A260/230	2.15	1.90	2.16	2.05	2.07

Common protocol is usable for the following

Mouse testis, Mouse Liver, Mouse Brain, Mouse Lung, Mouse Spleen