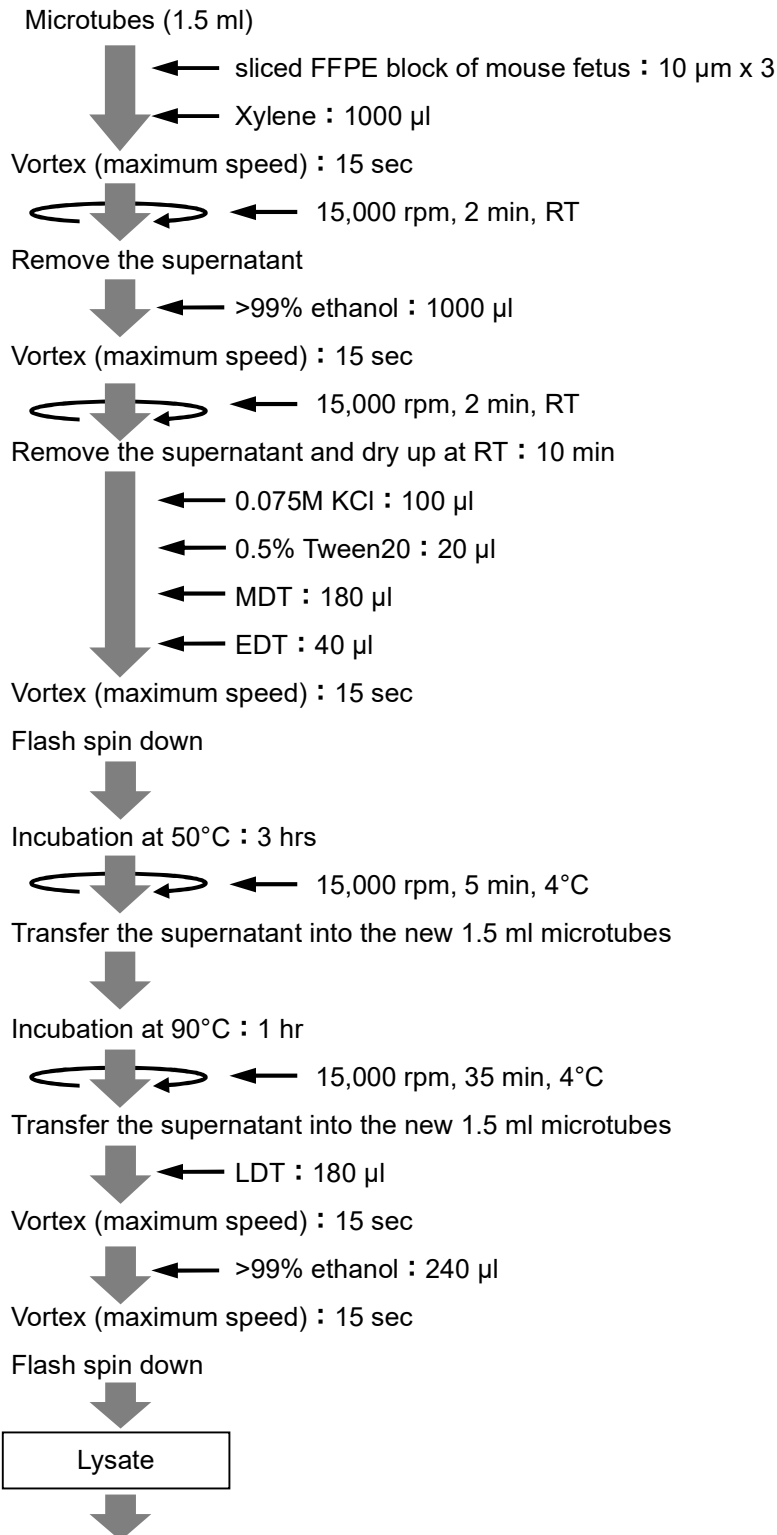


DA-c-8

Genomic DNA Extraction from Paraffin-embedded Samples

Protocol 1 (using Xylene for deparaffinization)



Depending on sample and storage conditions, nucleic acid may not be extractable.
 Therefore, we cannot guarantee accurate data.
 The extracted nucleic acid contains unintended acid (ex: when extracting DNA, RNA is also extracted).

Transfer all contents of the micro tube into the cartridge of QuickGene

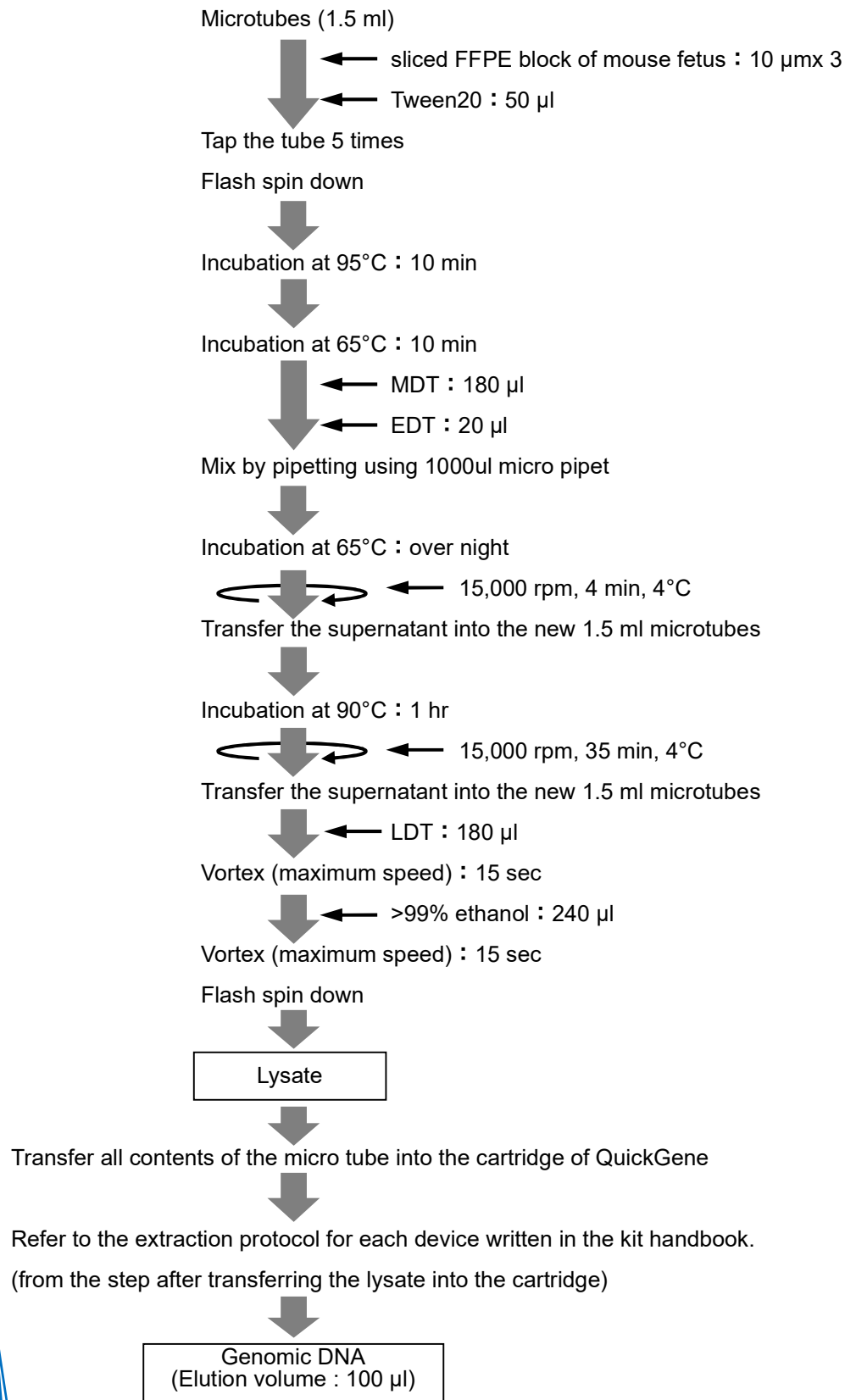


Refer to the extraction protocol for each device written in the kit handbook.
(from the step after transferring the lysate into the cartridge)



Genomic DNA
(Elution volume : 100 μ l)

Protocol 2 (not using Xylene for deparaffinization)



Depending on sample and storage conditions, nucleic acid may not be extractable.
Therefore, we cannot guarantee accurate data.
The extracted nucleic acid contains unintended acid (ex: when extracting DNA, RNA is also extracted).

Results

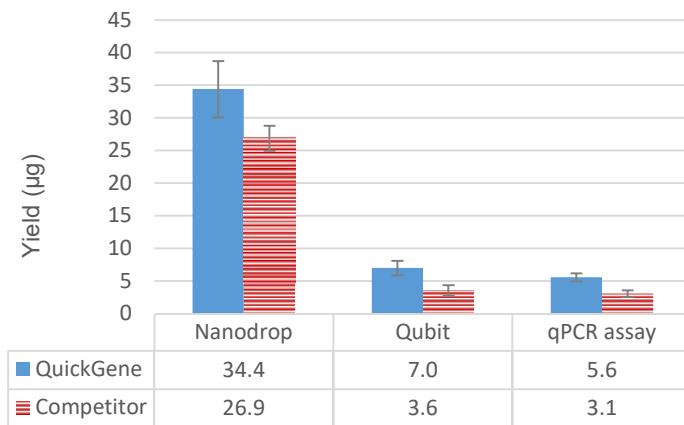
Electropherogram

No Data

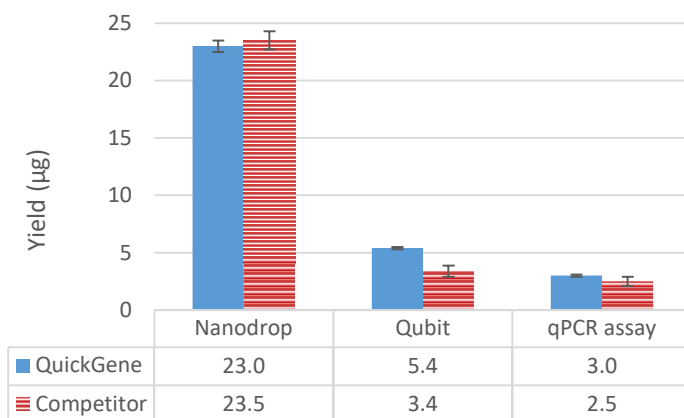
The yield of genomic DNA

The isolated DNA were quantified by nanodrop, Qubit and qPCR assay systems. qPCR assay was performed with TaqMan Gene Expression Assays.

<w/ Xylene (Protocol 1) >



<w/o Xylene (Protocol 2) >



Depending on sample and storage conditions, nucleic acid may not be extractable.
Therefore, we cannot guarantee accurate data.
The extracted nucleic acid contains unintended acid (ex: when extracting DNA, RNA is also extracted).

Protein contamination : A260/280

The purity of isolated DNA were evaluated by nanodrop.

Sample	Protocol	Purity (A260/280)			Purity (A260/230)		
		No.1	No.2	No.3	No.1	No.2	No.3
QuickGene	1 (using Xylene)	2.01	2.02	2.02	2.22	2.24	2.25
Competitor Q	Using Xylene	2.06	2.02	2.03	2.09	2.11	2.07
QuickGene	2 (non Xylene)	2.00	1.99	1.99	2.20	2.16	2.16
Competitor Q	Non Xylene	2.04	2.02	2.02	2.06	2.09	2.12

Other

No Data

Common protocol is usable for the following

No Data