7.	Genomic DN	<b>A</b> Extraction	from Insect	•



DE-1

#### **Genomic DNA Extraction from Lice**

### Protocol

2 ml micro tubes

Lice : 1 piece

MDT : 180 μl

EDT : 20 μl

Homogenize: Ball mill homogenizer

Incubate for 1 hour on Rotary Shaker at 55°C, and dissolve the tissue completely

10,000 rpm, 3 min, RT

Transfer the supernatant to 1.5 ml micro tube

**—** LDT : 180 μl

Mix thoroughly by vortexing for 15 sec

Flash spin down

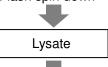


Incubation at 70°C: 10 min

Flash spin down

Mix thoroughly by vortexing for 15 sec

Flash spin down



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)



## Results

No Data

## Common protocol is usable for the following

No Data

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).





DE-2

### **Genomic DNA Extraction from Mite**

#### Protocol

2 ml micro tubes

→ Whipped mite → MDT : 180 μl → EDT : 20 μl

Incubate for over night on Rotary Shaker at 55°C, and dissolve the tissue completely

10,000 rpm, 3 min, RT

Transfer the supernatant to 1.5 ml micro tube

**—** LDT : 180 μl

Mix thoroughly by vortexing for 15 sec

Flash spin down

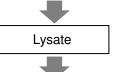


Incubate at 70°C: 10 min

Flash spin down

Mix thoroughly by vortexing for 15 sec

Flash spin down



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)



## Results

No Data

# Common protocol is usable for the following

No Data

