PCR Sample Preparation Solution

#P9051, 50 preps

#P9052, 200 preps

Components

Content	P9051	P9052
Extracion Solution	10 ml	40 ml
Neutralization Solution	1 ml	5 ml

Store at RT

For research use only.

Quality Control

The absence of endodeoxyribonucleases, exodeoxyribonucleases and ribonucleases is confirmed by appropriate quality tests.

Protocol

1. Sample Preparation

a. For tissue

Add 3-5mg of sample tissue to a 1.5ml microcentrifuge tube.

b. For hair

Take take two pieces of hair with follicle. Cut the hair root with follicle into a 1.5ml microcentrifuge tube.

c. For buccal swab

Ensure that person providing the sample has not consumed any food or drink in the 30 minutes prior to the sample collection.

Wipe the buccal inner wall 10 times with aseptic cotton swab. Cut off swab into a 1.5ml microcentrifuge tube.

Add 800 μl TE and mix thoroughly by vortexing. Transfer 500 μl of the swab solution to a new microcentrifuge tube.

Centrifuge for 3 min at 5,000 rpm. Discard the flow-through.

d. For culture cells

For resuspend cells, collect 1 $\times 10^3$-10^4 cells to a 50 μl PCR system.

For adherent cells, Add 3-5mg cells to a 1.5ml microcentrifuge tube.

e. For serum、 DNA virus

2. Add 180 μl Extracion Solution(90 μl for buccal swab). Mix thoroughly by vortexing. Incubate for 10 minutes at 95 ℃.

3. Add 20 μl Neutralization Solution(10 μl for buccal swab).Mix thoroughly by vortexing. Centrifuge for 2min at 5,000 rpm.

4. Use 0.5-2 μl flow-through for PCR amplification.