

SNP QUICK DNA EXTRACTION SOLUTION

CAT. NO:

21S-05-50 (50 PREP)

21S-05-100 (100 PREP)

INTRODUCTION

SNP Quick DNA Extraction Solution can be used for rapid DNA extraction from whole blood. The extracted DNA is suitable for PCR analysis.

PRINCIPLE

SNP Quick DNA Extraction Solution provides easy, one-tube DNA isolation with non-column procedure.

Kit contents	50 prep	100 prep
Solution E	4 ml	8 ml

STORAGE

- ✓ Solution E: Room Temperature

Consumables and equipment to be supplied by user

- Microcentrifuge (10.000 rpm)
- 1.5/2.0 ml microcentrifuge tube
- Thermal heating block, water bath or incubator.

Before starting:

- Set thermal equipment to 92 °C.

PROTOCOL FOR WHOLE BLOOD

- ✓ Mix by inverting the **Solution E** tube and transfer 80 µl into 1.5/2.0 microcentrifuge tube.
- ✓ Add 20 µl whole blood (Mix the peripheral blood tubes by inverting) to microcentrifuge tube containing Solution E and pipette 3-4 times gently.
- ✓ Incubate at 92 °C for 15 minutes.
- ✓ Centrifuge at 10.000 rpm for 3 minutes.
- ✓ Use 5 µl of supernatant as a PCR template.
- ✓ We recommend fresh extraction for the PCR test.

TROUBLESHOOTING

- ✓ If sample is not preserved in good condition, coagulation can cause a PCR problem.

CAUTIONS

- ✓ Solution E should be stored at RT.
- ✓ System is suitable only for in-vitro use.
- ✓ Shelf-life of system is 12 months. Please check the manufacturing date before use.