

SNP DBS DNA Extraction Kit

Cat # : 21S-03-50 (50 RXN), 21S-03-100 (100 RXN)

INTRODUCTION

SNP DBS DNA Extraction kit is designed for the rapid isolation of highly pure DNA from 1 punch Guthrie Card (3 mm Dry Blood Spot-DBS).

KIT CONTENTS

REAGENTS	50 RXN	100 RXN
Solution T	18 ml	36 ml
Solution RB	15 ml	30 ml
Solution L1	8 ml	16 ml
Solution L2	8 ml	16 ml
Solution E	12 ml	24 ml
ddH ₂ O	36 ml	72 ml

STORAGE

- All solutions should be stored at RT.

MATERIALS TO BE SUPPLIED BY USER

- 1.5 ml, nuclease free microcentrifuge tube
- Thermal heating block or water bath (for 70 °C)

CAUTIONS

- All reagents should be stored at suitable conditions.
- Causes skin irritation. Wear protective gloves.
- System is not suitable for in-vivo use. Suitable only for in-vitro use.
- If contact with skin, wash with water.

PROTOCOL

1. Place one punch guthrie card (3 mm) into 1.5 ml microcentrifuge tube.
2. Add **300 µl Solution T**. Vortex the mixture vigorously (10 - 20 sec). Incubate samples at **RT** for **5 minutes**.
3. Discard the supernatant. Add **250 µl Solution RB**. Vortex the mixture and incubate samples at **RT** for **10 minutes**.
4. Discard the supernatant. Add **300 µl ddH₂O**. Vortex the mixture and incubate samples at **RT** for **5 minutes**.
5. Repeat the step four . thus the sample will be washed twice.
6. Discard the supernatant. Add **125 µl Solution L1** and **125 µl Solution L2**.
7. Vortex the mixture and incubate samples at **95 °C** for **12 minutes**.
8. Discard the supernatant. Add **200 µl Solution E**. Vortex the mixture and incubate samples at **95 °C** for **10 minutes**.
9. DNA ready for use and can be stored up to one year at -20 °C.

Please contact us for your questions. tech@snp.com.tr