MB135_SUP1_EN_V2401

NZY Tissue gDNA Isolation Kit

Catalogue number	Presentation
MB13502	50 columns

Support Protocol for the isolation of genomic DNA from Dried Blood Spots (e.g. FTA® cards)

1. Sample preparation

Cut out one or two dried blood spots. Cut spots into small pieces (area of the dried blood spots should be between 15 and 30 mm2) and place them in a 1.5 mL microcentrifuge tube.

2. Sample Pre-lysis

Add 180 µL Buffer NT1 to the sample. Mix thoroughly by vortex.

Incubate at 94°C for 10 min, in a water bath or heating block. Let the sample cool down.

Add 25 µL Proteinase K solution. Spin the samples briefly, vortex and incubate at 56°C for 1 h. Vortex occasionally during incubation.

Note: *The samples should be completely covered with lysis buffer during incubation*.

3. Sample Lysis

Add 200 µL Buffer NL to the sample and mix by vortex. Incubate at 56°C for 10 min.

Note: *Mix Buffer NL thoroughly by shaking before use.*

Proceed with step 5 of the standard protocol.

NZYtech Lda. Estrada do Paço do Lumiar, Campus do Lumiar - Edifício E, R/C, 1649-038 Lisboa, Portugal Tel.:+351.213643514 Fax: +351.217151168 www.nzytech.com