

DTI FabSpin Blood DNA Kit



- ◆ All-purpose effectiveness compatible with all blood stabilization substances
- ◆ Rapid purification of high quality DNA from blood
- ◆ Manufactured in India conforming to Quality Management System standard of ISO 9001:2015
- ◆ Suitable for Clinical Research Application



The DTI FabSpin blood DNA Kit is designed to purify genomic DNA from whole blood of mammals with non-nucleated erythrocyte. This kit may also be used for extraction of genomic DNA from birds and fish containing nucleated erythrocyte.

The kit employs a unique lysis buffer for non-nucleated erythrocyte and leukocytes to release genomic DNA. Appropriate conditions for binding of DNA to the silica membrane spin columns is achieved by addition of ethanol to the lysate. Wash buffers provided in the kit efficiently remove contaminations yielding in highly purified genomic DNA. The entire procedure can be accomplished within 1 hour.

Features

- Suitable for Clinical research applications
- All-purpose effectiveness compatible with all blood stabilization substances (citrate, EDTA, heparin)
- Purification of high quality DNA from human blood samples
- Suitable for a variety of applications, such as PCR, Southern blotting, RAPD, AFLP, RFLP and other molecular experiments.

Product At glance:

Application	Isolation of DNA
Target	DNA
Technology	Silica membrane technology
Handling	Centrifugation
Automated use	No
Sample material	Blood, Body fluids, Buffy coat, Cells, Plasma, Platelets, Serum
Sample amount	5–200 µL whole blood (human or animal, fresh or frozen, treated with citrate, EDTA, heparin, or CPDA), buffy coat, platelets, body fluids, serum, plasma
Fragment size	< 5 x 10 ⁸ human/animal cells cultured cells
Typical concentration	200 bp–approx. 50 kbp
Theoretical binding capacity	40–100 ng/µL
Preparation time	60 µg
Typical downstream application	30 min/prep
	PCR, Southern blotting, RAPD, AFLP, RFLP



Intent of Use: Research Use Only

Ordering Information

Cat. #	Item Description	Size
DT9781AP	DTI FabSpin Blood DNA kit	100 Preparations
DT9781BP	DTI FabSpin Blood DNA kit	250 Preparations
DT9781A **	DTI FabSpin Blood DNA kit	100 Preparations
DT9781B **	DTI FabSpin Blood DNA kit	250 Preparations

* ** without proteinase K

These products are from our new in-house brand called "DTI" manufacturing products in India, where we can even design products for you as and how you want it and deliver them to you immediately at very affordable prices.



Scan QR code and connect with us on WhatsApp

www.dsstakarabio.com



DSS Takara Bio India Pvt. Ltd.

A-5, Mohan Cooperative Industrial Estate, Mathura Road, New Delhi 110044, INDIA

Toll Free: 1800-212-4922

E: enquiries@dsstakarabio.com W: www.dsstakarabio.com