



## Certificate of Analysis

**Product Name/Description:** DTI FabScript Reverse Transcriptase

**Cat#:** DT0301.10K

**Lot#:** Specified on product label

**Storage conditions:** -20°C

**Expiry:** Specified on product label

**Pack size:** 10 ku

**Package contents:**

Component	Concentration	Quantity
DTI FabScript Reverse Transcriptase	200 U/μl	10 ku
5X FabScript Buffer		500 μl

**Quality Control data:**

1st - strand cDNA synthesis test:

According to the standard protocol, 1st strand cDNA was synthesized by incubating 100 ng of total RNA prepared from rat brain and 50 pmol of Oligo dT primer with 200 units of this enzyme for 60 minutes at 42°C. Then, PCR was performed with this RT reactant as a template and it was confirmed by agarose gel electrophoresis that the 12 kbp target was properly amplified by PCR.

Nuclease contamination test:

Nuclease activity in this product was not detected by agarose gel electrophoresis following each reaction below:

- 1) Incubating 1 μg of λ-Hind III digest with 200 units of the enzyme for 1 hour at 37°C.
- 2) Incubating 1 μg of supercoiled pBR322 DNA with 200 units of the enzyme for 1 hour at 37°C.
- 3) Incubating 1 μg of 16S, 23S rRNA with 200 units of the enzyme for 1 hour at 37°C.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of DSS Takara Bio India Pvt Ltd.

This document has been produced electronically and is valid without a signature.

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DSS Takara Bio India Pvt. Ltd.

A-5 Mohan Co-operative Industrial Estate. Mathura Road. New Delhi 110044

E-Mail: [enquiries@dsstakarabio.com](mailto:enquiries@dsstakarabio.com)

Toll free #: 1800-212-4922

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