



Certificate of Analysis

Product Name/Description: DTI Green HiFid Taq HS premix

Cat#: DT0602.500

Lot#: Specified on product label

Storage conditions: -20°C

Expiry: Specified on product label

Pack size: 500 rxns

Package contents:

Component	Conc	Quantity
DTI Green HiFid Taq HS premix	2X	1 ml x 5
ROX Reference Dye	50X	200 µl

Note:

- Store at -20°C in dark for long-term storage; store at 4°C in dark for up to 6 months.
- Once thawed, it must be stored at 4°C in dark for up to 6 months.
- Prior to use, mix the enzyme tube well to ensure uniform concentration.

Quality Control data:

PCR test:

- 1) Consistent amplification of DNA was detected by the fluorescence of intercalator dye in real-time PCR using λ DNA as a template. No specific amplification was observed without template.
- 2) Consistent amplification was observed in real-time PCR using cDNA mixture synthesized from human testis total RNA as a template.

Hot start test:

Inhibition of the DNA polymerase activity by antibody was confirmed by comparing the results of PCR using reaction mixtures that had been previously heated and not heated.

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.

DSS Takara Bio India Pvt. Ltd.

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