

Datasheet for ABIN5519495

## TransScript® -Uni One-Step gDNA Removal and cDNA Synthesis SuperMix

### Overview

Quantity:	50 reactions
Application:	cDNA Synthesis (cDNA)

### Product Details

Purpose:	TransScript-Uni RT is an improved version of M-MLV reverse transcriptase with broad range of reaction temperature(42oC-65oC) and higher thermostability.
Brand:	TransScript®
Specificity:	Broad range reaction temperature (42 °C-65 °C) . Simultaneous genomic DNA removal and cDNA synthesis in one tube to minimize RNA contamination. The product obtained from 15 minutes reaction is used for qPCR, the product obtained from 30 minutes reaction is used for PCR. cDNA up to 20 kb.
Characteristics:	The suggested reaction temperature is 50oC. The SuperMix contains reagents for simultaneous genomic DNA removal and cDNA synthesis. After cDNA synthesis, gDNA remover and reverse transcriptase are inactivated by heating at 85oC for 5 seconds.
Components:	TransScript®-Uni RT/RI Enzyme Mix, gDNA Remover, 2xTS-Uni Reaction Mix, Random Primer (N9) (0.1 µg/µL), Anchored Oligo (dT)20 Primer (0.5 µg/µL), RNase-free Water

### Application Details

Application Notes:	Multiple copy and low copy gene detection, GC-rich or complex secondary structure RNA template, cDNA library construction, primer extension, 3' and 5' RACE
Comment:	50 rxnsx20 µl Systems
Restrictions:	For Research Use only

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## Handling

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Storage: -20 °C

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Storage Comment: at -20°C for two years

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Expiry Date: 24 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)