

Datasheet for ABIN5519507

TransScript® II All-in-One First-Strand cDNA Synthesis SuperMix for qPCR (One-Step gDNA Removal)

Overview

Quantity:	50 reactions
Application:	cDNA Synthesis (cDNA)

Product Details

Purpose:	Simultaneous genomic DNA removal and cDNA synthesis for qPCR
Brand:	TransScript®
Specificity:	<p>Simultaneous genomic DNA removal and cDNA synthesis.</p> <p>The optimal ratio of Oligo(dT)20 Primer to random primer(N9) for qPCR ready cDNA.</p> <p>qPCR ready cDNA in 15 minutes.</p> <p>cDNA up to 250 bp.</p>
Characteristics:	<p>The kit provides all the necessary components for cDNA synthesis from total RNA or mRNA. It is provided at 5x concentration and used at 1x concentration by adding gDNA remover, RNA and H2O. Simultaneous genomic DNA removal and cDNA synthesis are performed. After cDNA synthesis, gDNA remover and reverse transcriptase are inactivated by heating at 85 °C for 5 seconds. The resulting cDNA is suitable for qPCR, not for regular PCR.</p>
Components:	5xTransScript® II All-in-One SuperMix for PCR, 5xTransScript® II All-in-One No-RT Control SuperMix for qPCR, gDNA Remover, RNase-free Water

Application Details

Application Notes:	Multiple copy and low copy gene detection, GC-rich or complex secondary structure RNA template
Comment:	50 rxnsx20 µl Systems
Restrictions:	For Research Use only

Handling

Storage: -20 °C

Storage Comment: at -20°C for two years

Expiry Date: 24 months

Publications

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