

Datasheet for ABIN5519431

EasyScript® Reverse Transcriptase

Overview

Quantity:	10000 units
Application:	cDNA Synthesis (cDNA)

Product Details

Purpose:	EasyScript® Reverse Transcriptase is an engineered version of M-MLV reverse transcriptase with deficient RNase H activity.
Brand:	EasyScript®
Specificity:	Deficient RNase H activity to reduce RNA template degradation during the first-strand cDNA synthesis. Anchored Oligo(dT)18 Primer for higher yield and more full length cDNA. cDNA up to 8 kb.
Characteristics:	The enzyme is purified to near homogeneity from E.coli containing the modified M-MLV RT gene.
Components:	EasyScript® Reverse Transcriptase, 5xES RT Buffer, Anchored Oligo (dT) 18 Primer (0.5 µg/µL)
Unit Definition:	One unit of EasyScript® RT incorporates 1 nmol of deoxyribonucleotide into acid precipitable material in 10 minutes at 37°C using Poly(A)/Oligo(dT) as template/primer.

Application Details

Application Notes:	First-strand cDNA synthesis, Multiple copy gene detection
Restrictions:	For Research Use only

Handling

Buffer:	5xES RT Buffer: 375 mM KCl, 15 mM MgCl ₂ , 100 mM Tris-HCl pH 8.4
Storage:	-20 °C

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Handling

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)