

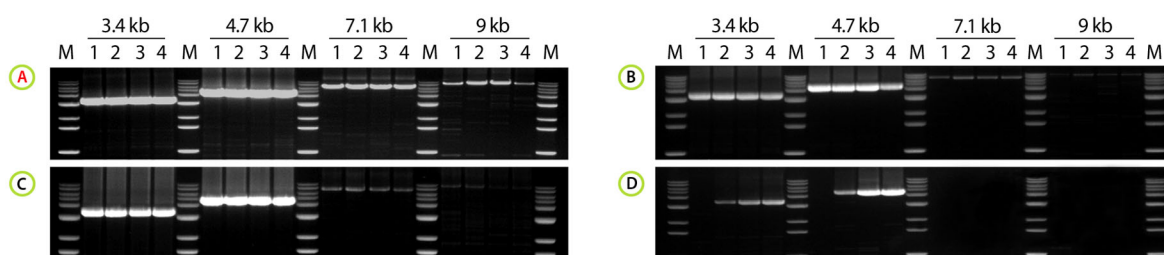
Prepare Long Full-length cDNAs with High Sensitivity!

RocketScript™ Reverse Transcriptase, RNase H Minus

- ▶ **Long cDNA synthesis:** Full-length cDNA synthesis up to 12.5 kb due to eliminated RNase H activity
- ▶ **High sensitivity:** Enhanced performance up to as low as 1 pg RNA
- ▶ **Thermostable activity:** RT reactions throughout a wide range of temperatures from 42°C to 70°C

**HOT
PRODUCT**

Comparison of long kb RNA amplification



A: Bioneer - 50°C RT

M: 1 kb DNA Ladder

B: Supplier I - 50°C RT

Lane 1: RT 10 min

C: Supplier II - 50°C RT

Lane 2: RT 20 min

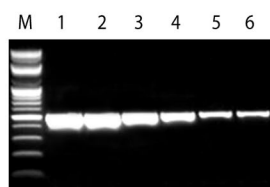
D: Supplier III - 42°C RT

Lane 3: RT 30 min

Lane 4: RT 60 min

Amplification results of RocketScript™ Reverse Transcriptase, RNase H Minus

A Sensitivity



M: 1 kb DNA Ladder

Lane 1: 100 ng

Lane 2: 10 ng

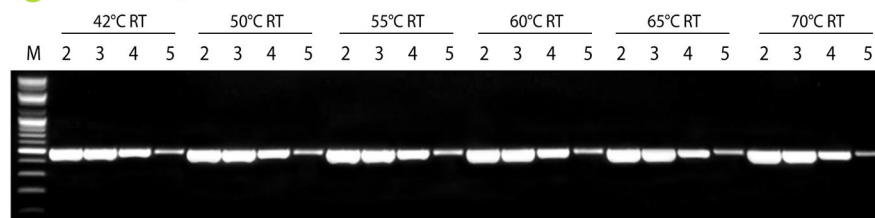
Lane 3: 1 ng

Lane 4: 100 pg

Lane 5: 10 pg

Lane 6: 1 pg

B Thermostability



Ordering Information

Cat. no	Description
E-3161 / 3162	RocketScript™ Reverse Transcriptase, RNase H Minus, 10,000 U / 50,000 U
K-2801 / 2802	AccuPower® RocketScript™ RT PreMix, RNase H Minus, 20 ul rxn / 50 ul rxn

* You can find more products for PCR, RT and real time PCR at www.bioneer.com.

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