



ELK Biotechnology
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EntiLink™ 1st Strand cDNA Synthesis Super Mix

Catalog No.	Specification	Storage/Shelf life
EQ031-01	20µL x 100 rxns	-20C°/3 years
EQ031-02	20µL x 500 rxns	-20C°/3 years

Introduction

EntiLink™ 1st Strand cDNA Synthesis Super Mix is a ready-to-use master mix for efficient first-strand cDNA synthesis. It contains EntiLink™ Reverse Transcriptase, RNase Inhibitor, dNTP, RT Primer Mix, and an optimized buffer system. Only template RNA is required. And ddH₂O can be reacted.

Kit Components

Component	EQ031-1	EQ031-2
2xEntiLink™ Synthesis Super Mix	1ml	1ml*5
ddH ₂ O	1.25ml	1.25ml*5
User manual	1 copy	1 copy

Application

RT-qPCR experiment

Self supplied Reagents and items

1. RNase-free 200 µL microcentrifuge tubes
2. Pipettes and tips (in order to avoid RNase contamination, RNase-free pipette tips containing filter elements must be used)
3. Disposable gloves, masks and other protective equipment
4. Operation in an RNase-free laboratory: Since saliva and skin contain RNase, please wear latex gloves and masks during the entire RNA extraction process.



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Operation steps

1. reverse transcription reaction (on ice) :

Reagent	Usage amount
2xEntiLink™ Synthesis Super Mix	10.0 μ L
total RNA	0.5~2 μ g
RNase-Free ddH ₂ O	to 20.0 μ L

Note: The recommended amount of Total RNA is 0.5~2 μ g. If the target gene expression abundance is low, a maximum of 5 μ g Total RNA should be used.

2. reverse transcription program :

Temperature	Time
25°C	5 min
42°C	30 min
85°C	5 min

Note: The reverse transcription product can be used immediately for subsequent qPCR reactions, or it can be stored at -20°C for a short period of time. For long-term storage, it is recommended to store at -80°C after aliquoting to avoid repeated freezing and thawing.