

# AllScript One-Step RT-PCR SuperMix

Cat. No. ABTGMBR300

Storage: at -20°C for one year

## Description

One-Step RT-PCR combines the first-strand cDNA synthesis with PCR in the same tube to simplify reaction setup and reduce the possibility of contamination. Only gene-specific primers can be used for One-Step RT-PCR. AllScript RT and AllTaq HiFi DNA Polymerase are used in the kit.

## Highlights

Amplification of fragment up to 4 kb.

## Applications

Multiple copy gene detection

## Kit Contents

Component	100 rxns
AllScript One-Step Enzyme Mix	40 µl
2×One-Step Reaction Mix	1 ml
RNase-free Water	1 ml

## Reaction Components

Component	Volume	Final Concentration
RNA Template	1 pg~1 µg	as required
Forward GSP (10 µM)	0.4 µl	0.2 µM
Reverse GSP (10 µM)	0.4 µl	0.2 µM
2×One-Step Reaction Mix	10 µl	1×
AllScript One-Step Enzyme Mix	0.4 µl	-
RNase-free Water	to 20 µl	-

## Thermal cycling conditions

45°C	15~30 min	
94°C	2~5 min	
94°C	30 sec	30~40 cycles
50~60°C	30 sec	
72°C	1~2 kb/min	
72°C	5~10 min	