

## RNA-directed DNA polymerase

Cat. No. EXWM-3261

Lot. No. (See product label)

### Introduction

#### Description

Catalyses RNA-template-directed extension of the 3'- end of a DNA strand by one deoxynucleotide at a time. Cannot initiate a chain de novo. Requires an RNA or DNA primer. DNA can also serve as template. See also EC 2.7.7.7 DNA-directed DNA polymerase.

#### Synonyms

DNA nucleotidyltransferase (RNA-directed); reverse transcriptase; revertase; RNA-dependent deoxyribonucleate nucleotidyltransferase; RNA revertase; RNA-dependent DNA polymerase; RNA-instructed DNA polymerase; RT

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.7.7.49

#### CAS No.

9068-38-6

#### Reaction

a 2'-deoxyribonucleoside 5'-triphosphate + DNAn = diphosphate + DNAn+1

#### Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

#### Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.