

RNase A

Cat. No. : CW0601S (100 mg/mL)

Shipping and Storage : Transport and storage at room temperature.

Components

Component	CW0601S
RNase A	1 mL

Principle

RNase A is an endoribonuclease that specifically degrades single-stranded RNA at C and U residues. It cleaves the phosphodiester bond between the 5'-ribose of a nucleotide and the phosphate group attached to the 3'-ribose of an adjacent pyrimidine nucleotide. The resulting 2', 3'-cyclic phosphate is hydrolyzed to the corresponding 3-nucleoside phosphate. This product has been treated and has no DNase activity.

Operation

1. Take appropriate volume of RNase A, add it into reaction solution, in general, final concentration of RNase A in 1-10 µg/mL.
2. Incubate at 37°C for 30 min.

Warnings and Precautions

For your safety and health, please wear lab coat and disposable gloves to operate.