

PRODUCT INFORMATION

3 M Sodium Acetate Solution, pH 5.2,
molecular biology grade

#R1181 5 x 1 ml

Lot: —

Store at 4°C

Description

3 M Sodium Acetate Solution, pH 5.2, 0.22 µm membrane filtered, sterile. DNase and RNase free.

Applications

- DNA precipitation.
- RNA precipitation.

CERTIFICATE OF ANALYSIS

Nicking Activity Assay

Incubation of 1 µg of pUC19 DNA with 2 µl of 3 M Sodium Acetate Solution, pH 5.2, at 37°C for 17 hours and analysis on gel generated no detectable conversion of covalently closed circular DNA to nicked DNA.

Labeled Oligonucleotide (LO) Assay

No detectable degradation of single-stranded and double-stranded 5'-[³³P]- labeled oligonucleotides was observed after incubation with 1 µl of 3 M Sodium Acetate Solution, pH 5.2, at 37°C for 16 hours.

Ribonuclease Assay

No detectable RNA degradation was observed after incubation with 0.5 µl of 3 M Sodium Acetate Solution, pH 5.2, with 0.08 µg of 2000 base RNA transcript at 37°C for 4 hours.

Functional Assay

More than 90% of RNA transcript was recovered after alcohol precipitation using 1/10 volume of 3 M Sodium Acetate Solution, pH 5.2.

Quality authorized by:



Jurgita Zilinskiene

PRODUCT USE LIMITATION

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals. Please refer to www.thermoscientific.com/onebio for Material Safety Data Sheet of the product.

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