



CERTIFICATE OF ANALYSIS

M13/pUC reverse sequencing primer (-26), 17-mer

5' - d(CAGGAAACAGCTATGAC) - 3'

#S0101

0.1 A₂₆₀ units

(supplied as 10pmol/μl aqueous solution)

Lot:

Concentration:

10μM (10pmol/μl)

Volume:

60μl

T_m:

50°C

CG content:

47%

Store at -20°C

Description

This primer is a synthetic single-stranded 17-mer oligonucleotide with free 5'- and 3'-hydroxyl ends. The primer anneals to the 5'-terminus of the *lacZ* gene such that its 5'-end lies 26 nucleotides upstream of the *EcoRI* site of M13mp18. The DNA polymerase extension products grow in the direction that coincides with the transcription of the *lacZ* gene.

The primer is supplied as an aqueous solution and can be used for DNA sequencing of all phages, phagemides and plasmids carrying *lacZ* gene.

Quality Control Assay Data

Each lot of the M13/pUC reverse sequencing primer is assayed in the dideoxy sequencing reaction using pUC19 DNA.

Quality authorized by: *Didzuy* - Vaida Didziuliene

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.fermentas.com for Material Safety Data Sheet of the product.



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