

**CERTIFICATE OF ANALYSIS**

**M13/pUC sequencing  
primer(-46), 22-mer**

5' - d(GCCAGGGTTTTCCAGTCACGA) - 3'

**#S0114**

0.1A<sub>260</sub> units

(supplied as 10pmol/μl aqueous solution)

**Lot:**

**Concentration:** 10μM (10pmol/μl)

**Volume:** 45μl

**T<sub>m</sub>:** 70°C

**CG content:** 59%

**Store at -20°C**

**Description**

This primer is a synthetic single-stranded 22-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 46 nucleotides back from the *HindIII* site of M13mp18. The DNA polymerase extension products grow in the direction that is opposite to 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 M13/pUC forward sequencing primer is assayed in the pUC19 DNA dideoxy sequencing reaction.

**Quality authorized by:**



Jolanta Kulbokaite

**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](http://www.fermentas.com) for Material Safety Data Sheet of the product.