

Neisseria gonorrhoeae* Resistance Primers*Intended Use**

Analyte Specific Reagent (ASR). Analytical and performance characteristics are not established. This ASR is intended to be used as a component of a laboratory developed test (LDT) used exclusively by laboratories.

Product Description

The *Neisseria gonorrhoeae* (NG) Resistance (Res) Primers ASR contains oligonucleotides designed to amplify a region containing the C272T mutation of gyrase A messenger RNA and/or DNA.

Materials Provided

NG Res Primers (Cat. No. PRD-08396)

Component	Quantity	Description
Tube	1 x 0.54 mL	44.0 µM

Warnings and Limitations

- A. Analytical and performance characteristics are not established.
- B. Use routine laboratory precautions. Wear disposable, powderless gloves, protective eye wear, and laboratory coats when handling specimens and kit reagents. Wash hands thoroughly after handling reagents.
- C. Dispose of all materials that have come in contact with reagents according to local, state, and federal regulations.

Quality Control

This analyte specific reagent was manufactured and released in accordance with Hologic quality control and quality assurance procedures.

Storage and Handling

Upon receipt, store material at -15 to -85 °C. Multiple freeze/thaw cycles should be minimized by appropriate aliquoting and should not exceed 3 freeze/thaw cycles.

In silico Binding Affinity

The NG Res Primers cover 99.9% of the aligned *Neisseria gonorrhoeae* sequences containing the C272T mutation available from the PubMLST database (as of October 2025).

The NG Res Primers did not show binding affinity for the organisms indicated in the table below or to human DNA.

<i>Acinetobacter lwoffii</i>	<i>Haemophilus influenzae</i>	<i>Neisseria mucosa</i>
<i>Actinomyces israelii</i>	Herpes simplex virus type 1 (HSV-1)	<i>Neisseria polysaccharea</i>
<i>Alcaligenes faecalis</i>	Herpes simplex virus type 2 (HSV-2)	<i>Neisseria sicca</i>
<i>Atopobium vaginae</i>	Human immunodeficiency virus-1 (HIV-1)	<i>Neisseria subflava</i>
<i>Bacteroides fragilis</i>	Human papillomavirus type 16	<i>Peptostreptococcus anaerobius</i>
<i>Bifidobacterium adolescentis</i>	<i>Klebsiella pneumoniae</i>	<i>Peptostreptococcus magnus</i> (<i>Finegoldia magna</i>)
<i>Campylobacter jejuni</i>	<i>Lactobacillus acidophilus</i>	<i>Prevotella bivia</i>
<i>Candida albicans</i>	<i>Lactobacillus crispatus</i>	<i>Propionibacterium acnes</i>
<i>Chlamydia trachomatis</i>	<i>Lactobacillus iners</i>	<i>Proteus mirabilis</i>
<i>Clostridium difficile</i>	<i>Listeria monocytogenes</i>	<i>Proteus vulgaris</i>
<i>Corynebacterium genitalium</i>	<i>Mobiluncus curtisii</i>	<i>Pseudomonas aeruginosa</i>
<i>Corynebacterium urealyticum</i>	<i>Mycoplasma genitalium</i>	<i>Salmonella enterica</i>
<i>Cryptococcus neoformans</i>	<i>Mycoplasma pneumoniae</i>	<i>Staphylococcus aureus</i>
Cytomegalovirus	<i>Neisseria cinerea</i>	<i>Staphylococcus epidermidis</i>
<i>Enterobacter cloacae</i>	<i>Neisseria elongata</i>	<i>Streptococcus agalactiae</i>
<i>Enterococcus faecalis</i>	<i>Neisseria flavescens</i>	<i>Streptococcus pyogenes</i>
<i>Escherichia coli</i>	<i>Neisseria gonorrhoeae</i> wild type	<i>Trichomonas vaginalis</i>
<i>Fusobacterium nucleatum</i>	<i>Neisseria lactamica</i>	<i>Ureaplasma parvum</i>
<i>Gardnerella vaginalis</i>	<i>Neisseria meningitidis</i>	<i>Ureaplasma urealyticum</i>



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