

***Neisseria flavescens*, Strain SK114**

Catalog No. HM-115

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Bacteria Classification: *Neisseriaceae*, *Neisseria*

Species: *Neisseria flavescens*

Strain: SK114

Original Source: *Neisseria flavescens* (*N. flavescens*), strain SK114 was isolated from normal skin of the right arm of a 47-year-old woman.^{1,2}

Comments: *N. flavescens*, strain SK114 ([HMP ID 600](#)) is a reference genome for [The Human Microbiome Project](#) (HMP). HMP is an initiative to identify and characterize human microbial flora. The complete genome of *N. flavescens*, strain SK114 was sequenced at the [J. Craig Venter Institute](#) (GenBank: [ACQV00000000](#)).

Note: HMP material is taxonomically classified by the depositor. Quality control of these materials is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material.

N. flavescens is an aerobic, Gram-negative diplococcus that is a common inhabitant of the normal human mouth and skin. It is an opportunistic pathogen that has been implicated in rare cases of meningitis, endocarditis and septicemia.^{3,4,5,6,7,8}

Material Provided:

Each vial contains approximately 0.5 mL of bacterial culture in *Haemophilus* Test medium supplemented with 10% glycerol.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

HM-115 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:

Media:

Haemophilus Test medium or equivalent
Chocolate agar or equivalent

Incubation:

Temperature: 37°C

Atmosphere: Aerobic with 5% CO₂

Propagation:

1. Keep the vial frozen until ready for use, then thaw.
2. Transfer the entire thawed aliquot into a single tube of broth.
3. Use several drops of the suspension to inoculate an agar slant and/or plate.
4. Incubate the tube, slant and/or plate at 37°C for 1 day.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH as part of the Human Microbiome Project: *Neisseria flavescens*, Strain SK114, HM-115."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.

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References:

1. Perez-Perez, G. I., Personal Communication.
2. [HMP ID 600](#) (*Neisseria flavescens*, strain SK114)
3. Branham, A. "A New Meningococcus-like Organism (*Neisseria flavescens* n. sp.) from Epidemic Meningitis." Ann. Intern. Med. 4 (1930): 101.
4. Coovadia, Y. M. "*Neisseria flavescens* Septicaemia with Meningitis. A Case Report." S. Afr. Med. J. 66 (1984): 308-309. PubMed: 6474295.
5. Knapp, J. S. "Historical Perspectives and Identification of *Neisseria* and Related Species." Clin. Microbiol. Rev. 1 (1988): 415-431. PubMed: 3069201.
6. Prentice, A. W. "*Neisseria flavescens* as a Cause of Meningitis." Lancet 272 (1957): 613-614. PubMed: 13407080.
7. Sinave, C. P. and K. R. Ratzan. "Infective Endocarditis Caused by *Neisseria flavescens*." Am. J. Med. 82 (1987): 163-164. PubMed: 3799678.
8. Wertlake, P. T. and T. W. Williams, Jr. "Septicaemia Caused by *Neisseria flavescens*." J. Clin. Pathol. 21 (1968): 437-439. PubMed: 4972296.

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