

***Staphylococcus aureus* Quantified Bacterial DNA Standard**

Product Insert

Product # 28301

Specifications

Volume Provided	250 µL
DNA Quantity	2 x 10 ⁴ copies per µL

Storage Conditions and Product Stability

Upon receipt, store Norgen's *Staphylococcus aureus* Quantified Bacterial DNA Standard at -20°C or lower. Avoid multiple freeze-thaw cycles. If needed, prepare smaller working aliquots and store at -20°C or lower.

Quality Control

In accordance with Norgen's ISO 9001 and ISO 13485-certified Quality Management System, each lot of Norgen's *Staphylococcus aureus* Quantified Bacterial DNA Standard is tested against predetermined specifications to ensure consistent product quality.

Product Use Limitations

Norgen's *Staphylococcus aureus* Quantified Bacterial DNA Standard is designed for research purposes only. It is not intended for human or diagnostic use.

Safety Information

Biosafety level 2 practices are recommended for work involving *Staphylococcus aureus*. Ensure the appropriate containment equipment and facilities are used for activities involving cultures or potentially infectious clinical materials. Ensure that a suitable lab coat, disposable gloves and protective goggles are worn when working. Norgen's DNA purification technology has been shown to eliminate the infectivity of most infectious agents including viruses and bacteria. However, this product is not tested for infectivity and should be handled in accordance to Biosafety level 2 practices, any local safety guidelines or Good Laboratory Practices.

Usage of *Staphylococcus aureus* Quantified Bacterial DNA Standard

- a. Thaw the original tube provided or aliquots of the DNA standard on ice.

Note: Avoid multiple freeze-thaw cycles as it may affect copy number

- b. If required, make a dilution of the DNA standard using either nuclease-free molecular biology-grade water or TE.

Note: Use any diluted DNA promptly. It is not recommend to freeze and re-use any diluted DNA.

- c. Apply 1 – 5 µL of the DNA standard or any dilutions to a PCR reaction promptly.

Technical Support

Contact our Technical Support Team between the hours of 8:30 and 5:30 (Eastern Standard Time) at (905) 227-8848 or Toll Free at 1-866-667-4362. Technical support can also be obtained from our website