Genomic DNA from *Salmonella enterica* subsp. *enterica*, 2004 Pennsylvania Tomato Outbreak, Serovar Muenchen, Isolate 5

**Catalog No. NR-4596**

For research use only. Not for human use.

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**Product Description:**
Genomic DNA was obtained from a preparation of *Salmonella enterica* (*S. enterica*) subsp. *enterica* serovar Muenchen that was isolated from the stool of a patient with diarrhea during the 2004 *Salmonella* outbreak in Pennsylvania.1,2

*S. enterica* subsp. *enterica* serovar Muenchen is found in domestic and wild animals and is generally spread to humans via consumption of contaminated water or food resulting in gastroenteritis.

NR-4596 has been qualified for PCR applications by amplification of approximately 1500 bp of the 16S ribosomal RNA.

**Material Provided:**
Each vial contains 4 to 6 µg of bacterial genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH 7.4). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**
NR-4596 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Genomic DNA from *Salmonella enterica* subsp. *enterica*, 2004 Pennsylvania Tomato Outbreak, Serovar Muenchen, Isolate 5, NR-4596.”

**Biosafety Level:** 1

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**References:**


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