

Salmonella enterica subsp. enterica, 2004 Pennsylvania Tomato Outbreak, Serovar Javiana, Isolate 12

Catalog No. NR-4307

Product Description: Salmonella enterica (S. enterica) subsp. enterica serovar Javiana is found in domestic and wild animals and is generally spread to humans via consumption of contaminated water or food resulting in gastroenteritis.

Lot¹: 58257465

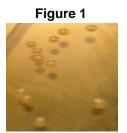
Manufacturing Date: 16JUL2008

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis		
Cellular morphology	Gram-negative rod	Gram-negative rod
Colony morphology ²	Report results	Circular, entire, convex to slightly peaked, translucent (Figure 1)
Analytical profile index (API [®] 20 E)	Consistent with Salmonella	Consistent with Salmonella
Genotypic Analysis		
Sequencing of 16S ribosomal RNA gene (~ 1460 bp)	Consistent with S. enterica	Consistent with S. enterica
PCR Assay of Extracted DNA		
16S ribosomal RNA gene	~ 1500 bp amplicon	~ 1500 bp amplicon
Viability (post-freeze) ³	Growth	Growth

S. enterica subsp. enterica, 2004 Pennsylvania Tomato Outbreak, Serovar Javiana, Isolate 12 was isolated from the stool of a patient with diarrhea during the 2004 Salmonella outbreak in Pennsylvania (PA) and deposited by Carol H. Sandt, Molecular Microbiology Section, Bureau of Laboratories, PA Department of Health, Lionville, PA. The isolated material was grown on Tryptic Soy Agar plates which were used to inoculate Tryptic Soy Broth. The culture was cryogenically preserved in 20% glycerol at -70°C until deposition. NR-4307 was produced by inoculation of the deposited material into Tryptic Soy Broth (BD 211825) and grown 24 hours at 37°C and aerobic atmosphere. Broth inoculum was added to Kolles which were grown 24 hours at 37°C and aerobic atmosphere to produce this lot.

²24 hours at 37°C and aerobic atmosphere on Tryptic Soy Agar (BD 236950)

³24 hours at 37°C and aerobic atmosphere in Tryptic Soy Broth



Date: 18 SEP 2008

Signature: Signature on File Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

You are authorized to use this product for research use only. It is not intended for human use.

Biodefense and Emerging Infections Research Resources Repository P.O. Box 4137 Manassas, VA 20108-4137 USA www.beiresources.org

ATCC[®] is a trademark of the American Type Culture Collection.

800-359-7370 Fax: 703-365-2898 E-mail: contact@beiresources.org