



DATE: 14 August 2024

Product Identifier

RM Number: 8398
RM Name: Human DNA for Whole-Genome Variant Assessment
(Daughter of Utah/European Ancestry) (HG-001)

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Reference Material (RM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program. Biological hazards are exempted per 1910.1200(b)(6)(xii).

Description: This Reference Material (RM) is intended to provide a whole human genome sample and accompanying reference values to assess performance of variant calling from genome sequencing. A unit of RM 8398 consists of human genomic DNA extracted from a large growth of the human lymphoblastoid cell line GM12878 from the Coriell Institute for Medical Research (Camden, NJ). Each vial contains approximately 10 ug of genomic DNA in TE buffer (10mM TRIS, pH 8.0, 1mM EDTA, pH 8.0).

Additional Notes for Biomaterials: RM 8398 IS A HUMAN DNA SOURCE MATERIAL. RM 8398 is a Biosafety Level 1 material and should be handled according to applicable federal, state, and/or local regulations and according to policies and procedures of recipient's organization.

Disposal: RM 8398 components and derived solutions should be disposed of in accordance with local, state, and federal regulations.

Transport Information: This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

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