

Human DNA for Whole-Genome Variant Assessment (Daughter of Utah/European Ancestry) (HG-001) (Reference Material)

Art. ID	NIST-8398(QTY10)
Unit	10 vials of RM 8398
Deliverydetails	No Dangerous Good

Description

This Reference Material (RM) is intended for validation, optimization, and process evaluation purposes. It consists of a female whole human genome sample of Utah/European ancestry, and it can be used to assess performance of variant calling from genome sequencing. A unit of RM 8398 consists of a vial containing human genomic DNA extracted from a single large growth of human lymphoblastoid cell line GM12878 (labeled as HG-001) from the Coriell Institute for Medical Research (Camden, NJ). The vial contains approximately 10 µg of genomic DNA, and the DNA is in TE buffer (10 mM TRIS, 1 mM EDTA, pH 8.0).