

**Human DNA for Whole-Genome Variant Assessment (Son of Eastern European Ashkenazi Jewish Ancestry) (HG-002)**

Art. ID	NIST-8391(QTY10)
Unit	10 vials of RM 8391
Deliverydetails	No Dangerous Good

**Description**

This Reference Material (RM) is intended for validation, optimization, and process evaluation purposes. It consists of a male whole human genome sample of Eastern European Ashkenazi Jewish ancestry from the Personal Genome Project (ID huAA53E0), and it can be used to assess performance of variant calling from genome sequencing. A unit of RM 8391 consists of a vial containing human genomic DNA extracted from a single large growth of human lymphoblastoid cell line GM24385 (labeled as HG-002) 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).