

Human DNA for Whole-Genome Variant Assessment (Son of Chinese Ancestry) (HG-005) (Reference Material)

Art. ID	NIST-8393(QTY10)
Unit	10 vials of RM 8393
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 East Asian (Chinese) ancestry from the Personal Genome Project (ID hu91BD69), and it can be used to assess performance of variant calling from genome sequencing. A unit of RM 8393 consists of a vial containing human genomic DNA extracted from a single large growth of human lymphoblastoid cell line GM24631 (labeled as HG-005) 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).