



Human genomic DNA (HCC1395)

CRL-2324D™

Description

High molecular weight genomic DNA isolated from the HCC1395 breast carcinoma cell line (ATCC CRL-2324).

Organism: *Homo sapiens*, human

Derived from: HCC1395 (ATCC CRL-2324)

Type strain: No

Mass: 10 µg

Storage Conditions

Product format: Frozen

Storage conditions: -20°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local

or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Quality Control Specifications

Electrophoresis - RNA content: No visible RNA detected in the agarose gel

Electrophoresis - digestion: Tested and verified for PCR amplification and restriction digestion.

Notes

This cell line was initiated on December, 14, 1994 from a patient with a family history of cancer (patient's mother had breast cancer). The cell line took 14 months to establish. The tumor was classified as TNM stage I, grade 3, invasive ductal carcinoma with 0 out of 34 lymph node metastasis. The cells are poorly differentiated and vacuolated. The cells are negative for expression of Her2-neu but positive for expression of p53. HCC1395 is positive for the epithelial cell specific marker Epithelial Glycoprotein 2 (EGP2) and for cytokeratin 19. The cells are positive for expression of estrogen receptors (ER +) and negative for expression of progesterone receptors (PR -). The DNA from an EBV-transformed lymphoblastoid cell line (HCC1395BL) from the same patient is available as ATCC CRL-2325D.

The DNA is available with the following restrictions:

1. The CRL-2324 cell line was deposited at the ATCC by Dr. Adi F. Gazdar and is provided for research purposes only. Neither the cell line nor DNA products derived from it may be sold or used for commercial purposes. Nor can the cells

nor the DNA be distributed to third parties for purposes of sale, or producing for sale, cells or their products. The cells and DNA are provided as service to the research community. They are provided without warranty of merchantability or fitness for a particular purpose or any other warranty, expressed or implied.

2. Any proposed commercial use of the cells, DNA or their products must first be negotiated with the University of Texas Southwestern Medical Center at Dallas, 5323 Harry Hines Blvd., Dallas, Texas 75235. Telephone (214) 648-1888, Email TechnologyDevelopment@UTSouthwestern.edu, or Fax: (214) 951-0935.

Gazdar AF, et al. Characterization of paired tumor and non-tumor cell lines established from patients with breast cancer. Int. J. Cancer 78: 766-774, 1998.

PubMed: [9833771](#)

Formulation: 1X TE buffer (10 mM Tris-HCL, 1 mM EDTA, pH 8.0)

Concentration: See lot-specific information

Lot Number: See lot-specific information

Cell line description: See lot-specific information

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Human genomic DNA (HCC1395) (ATCC CRL-2324D)

References

References and other information relating to this material are available at www.atcc.org.

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