



Human genomic DNA (MCF7)

HTB-22D™

Description

High molecular weight genomic DNA isolated from the MCF-7 human breast carcinoma cell line (ATCC HTB-22). The MCF7 line retains several characteristics of differentiated mammary epithelium including ability to process estradiol via cytoplasmic estrogen receptors and the capability of forming domes. Contains the Tx-4 oncogene.

Organism: *Homo sapiens*, human

Derived from: MCF7 (ATCC HTB-22)

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

The MCF7 line retains several characteristics of differentiated mammary epithelium including ability to process estradiol via cytoplasmic estrogen receptors and the capability of forming domes. Contains the Tx-4 oncogene.

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 (MCF7) (ATCC HTB-22D)

References

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

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