



# Quantitative MRC-5 Genomic DNA

1592112™

## Description

High-molecular-weight genomic DNA isolated from the diploid cell line MRC-5 (ATCC CCL-171). See COA for batch specific test results.

**Organism:** *Homo sapiens*, human

**Derived from:** MRC-5 (ATCC CCL-171)

**Concentration:** 30 ± 10 ng/μL

**Mass:** ≥ 900 ng

**Volume:** ≥ 22.5 μL

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -20°C (-10°C to -35°C)

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## 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.

This product is not an official USP Reference Standard. This product is not required for compendial compliance.

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## BSL 1

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(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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Handling Procedures

Thaw samples at room temperature, at 4°C, or on ice. Keep the samples on ice or at 4°C until they are used. DNA samples will be stable at room temperature throughout the process of setting up a PCR experiment. If the process takes more than 2 hours, storage at 4°C or on ice is preferred, though degradation is unlikely to occur. When diluting large numbers of samples, work in small batches (12 or less at a time). Leave other samples frozen at -20°C or at 4°C if they will be diluted later in the same day.

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## Quality Control Specifications

**Total amount:** ≥ 900 ng

**Purity (A260/A280):** ≥ 1.7 and ≤ 2.0

**Integrity:** Integrity of DNA was determined by gel electrophoresis

**Identity:** Human STR profile and CO1 multiplex to confirm identity

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## Notes

Resuspend in 1x TE buffer (10 mM Tris-HCL, 1 mM EDTA, pH 8.0)

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Quantitative MRC-5 Genomic DNA (ATCC 1592112)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Warranty

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Product Sheet

## Contact Information

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