



# HCT 116 Exosomes

CCL-247-EXM™

## Description

Exosomes are extracellular subcellular nanoparticles of size 50-200 nm released from cells through a fusion of multicellular bodies with plasma membrane. These extracellular vesicles are purified from cell culture medium of colorectal carcinoma cell line HCT 116 (ATCC CCL-247). The exosomes are purified and concentrated using tangential flow filtration system in a sterile environment. The purified exosomes were further filtered through 0.2 micron sterile filters.

**Derived from:** HCT 116 (ATCC CCL-247)

**Volume:** 100 µL to 200 µL

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -20°C or colder

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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.

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## 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.

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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

### Preparation of Exosomes:

1. Thaw in ice.
  2. Mix by pipetting up and down.
  3. Create multiple aliquots for use and avoid freeze thaw.
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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: HCT 116 Exosomes (ATCC CCL-247-EXM)

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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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## Revision

This information on this document was last updated on 2024-10-25

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