Human Rectal Tumor (HRT-18) Cells, 
Chemically Inactivated Mock-Infected Cell Control

Catalog No. NR-572

For research use only. Not for human use.

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Product Description:
NR-572 was produced to serve as a mock-infected HRT-18 
cell control for use with products related to the Mebus strain 
of bovine coronavirus (BEI Resources NR-445, NR-451, 
NR-455 and NR-456). HRT-18 cells are an adherent 
epithelial cell line derived from the colon of an adult human 
infected with colorectal adenocarcinoma.

Material Provided:
Each vial contains approximately 1 mL of cell lysate and 
supernatant from mock-infected HRT-18 cells. The 
suspension of cell lysate and supernatant was treated with 
binary ethyleneimine to simulate virus inactivation.

Packaging/Storage:
NR-572 was packaged aseptically in screw-capped plastic 
cryovials. The product is provided frozen and should be 
stored at -60°C or colder immediately upon arrival. Freeze-
thaw cycles should be avoided.

Citation:
Acknowledgment for publications should read “The following 
reagent was obtained through the NIH Biodefense and 
Emerging Infections Research Resources Repository, NIAID, 
NIH: Human Rectal Tumor (HRT-18) Cells, Chemically 
Inactivated Mock-Infected Cell Control, NR-572.”

Biosafety Level: 1
Appropriate safety procedures should always be used with 
this material. Laboratory safety is discussed in the following 
publication: U.S. Department of Health and Human Services, 
Public Health Service, Centers for Disease Control and 
Prevention, and National Institutes of Health. Biosafety in 
Microbiological and Biomedical Laboratories. 4th ed. 
HHS Publication No. (CDC) 93-8395. This text is available 

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References:
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