Rubulavirus, Canine parainfluenza, Strain Penn 103/70 (VR-666)

Please read this FIRST

Storage Temp.
-70°C or colder

Biosafety Level
2

Intended Use
This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain
If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Rubulavirus, Canine parainfluenza, Strain Penn 103/70 (VR-666)

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

Key Abbreviations
C, chicken
CO₂ (CO2), carbon dioxide
CPE, cytopathic effect
EMEM, Eagles Minimum Essential Medium
FA, fluorescent antibody
FBS, fetal bovine serum
GP, guinea pig
HA, hemagglutination
MDCK, canine kidney cells
RBC, red blood cells
SV, simian virus
TC, tissue culture
TCID₅₀ (TCID [50]), The Tissue Culture Infectious Dose
50% endpoint is the 50% infectious endpoint in cell culture. The TCID₅₀ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the culture vessels inoculated, just as a Lethal Dose (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

VMRD, Veterinary Medical Research and Development
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Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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**Disclaimers**

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