Strain: Wyoming  
Classification: Retrovirus, Lentivirus Group, Equine Lenviruses  
Original Source: Blood from horse with typical equine infectious anemia disease  
Depositor: W Malmquist, F Fuller

Refer to the Certificate of Analysis for batch-specific test results.

Propagation

Propagation Host: equine dermal cells (ATCC CCL-57)  
Production Host: E. Derm (ATCC® CCL-57™)  
horse; E. Derm cells (ATCC CCL-57)  
Effect on Host: Cytopathic effects in horse leucocyte cultures  
CPE  
Death or recovery as a carrier in horse

Growth Conditions

Incubation: 8-21 days

Comments

Used for preparation of equine infectious anemia diagnostic antigen. Equine dermal cells exposed to virus must be transferred more than 3 times before good yields of antigen are obtained. After infected cells lose vitality, they can be revitalized by the addition of non-infected equine dermal cells.  
Used for preparation of equine infectious anemia diagnostic antigen. Equine dermis cells exposed to the virus must be transferred more than 3 times before good yields of antigen are obtained. After infected cells lose vitality, they can be revitalized by the addition of non-infected equine dermis cells.  
Some evidence that this may be a retrovirus.

References

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

Key Abbreviations

CPE, cytopathic effect  
FEK, fetal equine kidney  
Pen, penicillin  
Strep, streptomycin  
TC, tissue culture  
TCID[50], median tissue culture infective dose  
USDA, United States Department of Agriculture

Biosafety Level: 2

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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may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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