Strain: FL
Classification: Adenoviridae, Mastadenovirus, Murine adenovirus A
Original Source: Spleen pool from mice infected with Friend leukemia virus
Depositor: SH Larsen, D Nathans, John Hopkins University School of Medicine

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

Propagation Host:
BALB/3T3, clone A31 (ATCC® CCL-163™)

Effect on Host:
CPE, refractile rounding and sloughing

Medium:
EMEM (ATCC® 30-2003) + 2% FBS (ATCC® 30-2020)

Growth Conditions
Temperature: 37°C

Recommendations for Infection:
Plate cells 24 hours prior to infection and infect when cultures are 90% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 cm²) diluted to provide an optimal MOI (e.g. 0.1). Adsorb 1-2 hours at 37°C in a humidified 5% CO₂ atmosphere while rocking continuously. End adsorption by adding virus growth medium.

Incubation: Incubate infected culture for 3 days at 37°C in a humidified 5% CO₂ atmosphere, until CPE are well advance throughout culture.

Comments
Deposited as Mouse adenovirus. Cross reactivity by CF with human adenoviruses demonstrable with guinea pig immune sera.

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

Key Abbreviations
°C, degrees Celsius
CF, complement fixation
CO₂ (CO2), carbon dioxide
CPE, cytopathic effect
EMEM, Eagles Minimum Essential Medium
FBS, fetal bovine serum
MOI, multiplicity of infection

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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