OCT 06, 2019

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.7zdhp26

External link:
<https://doi.org/10.1371/journal.pone.0225863>

Protocol Citation: Norfitriah Mohamed Sohaimi, Mohd Hair Bejo, Abdul Rahman Omar, Aini Ideris, Nurulfiza Mat Isa 2019. Propagation and attenuation of FAdV isolate in CEL cells. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.7zdhp26>

MANUSCRIPT CITATION: Sohaimi NM, Bejo MH, Omar AR, Ideris A, Isa NM (2019) Molecular characterization of fowl adenovirus isolate of Malaysia attenuated in chicken embryo liver cells and its pathogenicity and immunogenicity in chickens. PLoS ONE 14(12): e0225863. doi: [10.1371/journal.pone.0225863](https://doi.org/10.1371/journal.pone.0225863)

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Propagation and attenuation of FAdV isolate in CEL cells

PLOS One

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MATERIALS

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Fetal Bovine Serum **Gibco - Thermo Fischer Catalog #10270106**

A confluent monolayer was washed twice with serum free medium and inoculated with 0.1mL of homogenate liver embryos and labeled as first passage (CEL1). Infected flasks were incubated at 37°C for 60 minutes for virus adsorption and added with maintenance medium containing 2% fetal bovine serum (FBS) under 37°C incubator. The cells were observed daily under inverted microscope for cytopathic effect (CPE) for 3 days post-inoculation (pi). Flasks with prominent CPE were harvested by 3 times repeated frozen and thawed prior centrifugation at 216 x *g* for 10 minutes. Virus supernatant was collected and stored at -20°C prior inoculation for subsequence passages. Fresh confluent monolayer was prepared for each passage and inoculated with 0.1mL of viral supernatant and continued until 35th consecutive passage. For non-infected flasks, monolayer remained uninoculated and was used as control cells.

Protocol status: Working
We use this protocol and it's
working

Created: Oct 06, 2019

Last Modified: Oct 06, 2019

PROTOCOL integer ID:
28421