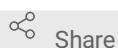




Jul 12, 2022

# Japanese encephalitis virus isolation

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## ABSTRACT

The mosquito grinding supernatant and CSF samples were inoculated into Vero cells to finish virus isolation.

## DOI

[dx.doi.org/10.17504/protocols.io.bdaui2ew](https://dx.doi.org/10.17504/protocols.io.bdaui2ew)

## PROTOCOL CITATION

Wenjing Liu, Shihong Fu 2022. Japanese encephalitis virus isolation.

**protocols.io**<https://dx.doi.org/10.17504/protocols.io.bdaui2ew>

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## CREATED

Mar 06, 2020

## LAST MODIFIED

Jul 12, 2022

## PROTOCOL INTEGER ID

33844

## MATERIALS TEXT

The mosquito grinding supernatant ,CSF samples, Vero cell.

#### BEFORE STARTING

Mosquito grinding supernatant was sterilized using a filter with a pore size of 0.22 µm.

#### virus isolation

- 1 The filtered sterile mosquito grinding solution was inoculated into 24-well plates grown to 80% monolayer Vero cells, 70 µl of each well was added for virus isolation, and a 3-well blank control was set for each plate. (for CSF samples 100µl of each well was added for virus isolation).
- 2 Incubate at 37°C for 1 h.
- 3 1 ml of MEM medium containing 2% FBS was added to each well for maintenance of growth. Cultivate at 37°C 5% CO<sub>2</sub> and observe under microscope every day whether cytopathic effect (CPE) occurs.
- 4 Specimens with no CPE were used for blind transmission for three generations .