

# LCMV Plaque Assay Medium

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**Protocol ID:** BUF-LCMV-PLA-001

**Version:** v1.0

**Author:** Dillon Corvino

## Purpose

Medium used to overlay infected Vero cell monolayers during LCMV plaque assays.

## Components (Final Volume: 250 mL)

Component	Amount
2× Eagle MEM without phenol red	250 mL
200 mM L-glutamine	5 mL
Heat-inactivated FBS (10%)	25 mL
Pen/Strep (10,000 U/mL penicillin G, 10,000 µg/mL streptomycin)	5 mL
Fungizone (amphotericin B 250 µg/mL)	2.5 mL

## Preparation

1. Combine all components in a sterile bottle.
2. Mix thoroughly by gentle inversion.
3. Store at 4°C for up to 4 weeks.

## Notes

- Fungizone is optional but recommended to prevent fungal contamination.

## Version history

Version	Date	Author	Changes
v1.0	2025-12-01	Dillon Corvino	Initial Quarto buffer document