

LCMV Plaque Assay Medium

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Protocol ID: BUF-LCMV-PLA-001

Version: v1.0

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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