

Lysate titer

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Abstract

For use in "[Obtaining pure cyanophage stocks \(liquid assay\)](#)"

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Protocol

Step 1.

Prepare end-point dilution series (10-fold serial dilutions, 5 to 6 levels).

Step 2.

Monitor plates for lysis every few days, recording the number and position of clear wells on the plate.

Step 3.

When clear or nearly clear wells no longer appear for 1 week, record the final “score” for each dilution level.

Step 4.

Use the MPN Assay Analyser program (Passmore et al. 2000) to determine the most-probable-number (Taylor 1962) of infective phages in the lysate.