

# Centrifuged Plaque Assay Sample Steps

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## Abstract

For [Transcriptomics During One-Step Growth Curves for Cellulophaga Phages protocol](#).

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## Protocol

### Step 1.

Pipet 10  $\mu$ l from the flask into 990  $\mu$ l of MSM in a 1.5 ml tube

#### 📌 NOTES

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You are diluting your sample 100x:  $10^{-2}$ .

### Step 2.

Vortex briefly

### Step 3.

Centrifuge for 5 min. at 1000 rpm

#### 🕒 DURATION

00:05:00

### Step 4.

Very carefully remove the tube

#### 📌 NOTES

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Do not disturb the pellet!

### Step 5.

Prepare  $10^{-4}$  and  $10^{-5}$  serial dilutions. Pipet 10  $\mu$ l of the centrifuged  $10^{-2}$  dilution made from the growth flask into 990  $\mu$ l MSM for the  $10^{-4}$  dilution. Pipet 100  $\mu$ l from the  $10^{-4}$  dilution into 900  $\mu$ l MSM for the  $10^{-5}$  dilution.

### Step 6.

Plate 100  $\mu$ l each from the  $10^{-4}$  and  $10^{-5}$  dilutions in duplicate or triplicate.