

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

Sampling for qEXT and MPN assays: Large-scale One-step Phage Infection of Cyanobacteria

DOI:10.17504/protocols.io.fh3bj8n

Type: Protocol

Proper Citation

Sarah Giuliani 2016. Sampling for qEXT and MPN assays: Large-scale One-step Phage Infection of Cyanobacteria. protocols.io dx.doi.org/10.17504/protocols.io.fh3bj8n

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.fh3bj8n>

Authors: Sarah Giuliani

Group: Coleman Lab

Summary: 15 Hourly Timepoints: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 Sampling is for qPCR assay to determine total extracellular phage (qEXT) and MPN (most probable number) assay to determine % phage infectivity. For qEXT and MPN sampling, 250 μ L of sample in duplicates were collected and filtered through a 0.2 μ m, 96-well filter plate, for each time point. (Flow through filtrate containing phage is the sample to analyze).

Affiliations: Coleman Lab - University of Chicago, Department of the Geophysical Sciences

Version: 1

Publication Date: 2016

Proper Citation: Sarah Giuliani 2016. Sampling for qEXT and MPN assays: Large-scale One-step Phage Infection of Cyanobacteria. protocols.io dx.doi.org/10.17504/protocols.io.fh3bj8n

Record Creation Time: 20210329T220546+0000

Record Last Update: 20210329T221200+0000

Data and Source Information

Source: