

Microcystin LR Check Samples

Introduction

ELISA methods for Microcystin analysis are being employed in many laboratories for the analysis of drinking and recreational waters and other matrices. The use of check samples with each run ensures that the analysis/dilutions have sufficient accuracy, precision, and specificity.

The Abraxis Microcystin LR Check Sample Set contains 3 vials of lyophilized Microcystins LR and a bottle of Reconstitution Diluent Solution.

Reagents Provided

3 vials of Microcystins LR, lyophilized
1 vial of Reconstitution Diluent Solution, 30 mL

Sample Preparation

Reconstitute each sample with 5.0 mL of the provided Reconstitution Solution, vortex, and let the sample sit for 5-10 minutes.

Dilute sample C with Diluent Solution to meet the desired QA program levels. The result obtained in the ELISA should be multiplied by the appropriate dilution factor to obtain the final concentration.

Sample Storage

Store samples refrigerated at 2-8 C for up to 1 week. For prolonged storage, aliquot and store frozen.

Expected Values

Sample A	non-detect (<0.15 ppb)
Sample B	2.0 +/- 0.5 ppb
Sample C	20 +/- 5 ppb

NOTE: We recommend that each laboratory establishes their own value limits.

Ordering Information

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