



WMPTS-26 Water Microbiology Proficiency Testing Scheme

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Water Microbiology Proficiency Testing Scheme Preparation Instruction sheet

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GENERAL INFORMATION

Receipt and Storage

- On receipt of the test material, record the date and store refrigerated at 2-8 °C until ready to test.
- The test material should be analyzed in accordance with the deadlines shown on the application form.
- The test materials represent 'real' water samples, which may or may not contain the target organism(s), at a range of inoculum levels. Test materials may also contain background flora.
- Please consider all dilution factors when calculating the level of the target organisms in the original sample. Where relevant guidance is given in the instructions.
- The test materials should be treated in the same way as routine samples and should therefore be tested using your routine laboratory equipment, reagents and methods.
- Where the instruction mentions a **resuscitate** step, the lyophilized test material should be left at room temperature for between 45 minutes before proceeding with the test.
- Do not sub-divide samples prior to dilution unless stated in the instructions.
- Please treat the sample as contaminated material and use aseptic techniques throughout the test procedure.
- Please ensure samples are mixed well at all stages before proceeding with testing.
- Reconstitute the test material according to the appropriate instructions for each sample type.

Precautions

- Microbiological test materials contain viable micro-organisms and are supplied on the understanding that the purchaser has suitably competent and qualified personnel to handle them safely. Test materials must only be opened in a laboratory by qualified personnel.
- Refer to the Safety Data Sheet for information on the safe handling and disposal of the test materials.

Reporting Results

- All results should be submitted using NLPTS reporting form.

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If you need any help at all, please do not hesitate to contact our support team using the details below.

Tel: +962 6 5506539

Email: [pt-coordinator @naratechlab.com](mailto:pt-coordinator@naratechlab.com)

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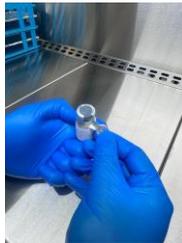
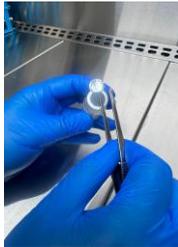
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Protocol WM1V	Sample code:		Description: 1 vial
	PT-WM-01	PT-WM-02	
	PT-WM-03	PT-WM-04	
	PT-WM-05	PT-WM-06	
	PT-WM-07	PT-WM-08	

Step 1: prepare 1L sterile water to use as diluent.



Step 2: Aseptically remove cap and stopper from the vial and reconstitute the test material by adding 10 ml of the diluent.



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Step 3: replace the vial stopper and shake gently to dissolve.



Step 4: leave to stand for 45 min (resuscitation).



Step 5: Add this concentrate to the remaining diluent.



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Step 6: repeat this procedure (adding 10 ml of the diluent to the vial and then re add the vial content to the 1L diluent) 2-3 times to ensure all the freeze -dried test material is recovered from the vial.



Step 7: invert sample 5 times. (This represents your sample)



Step 8: test for the target organism using your routine laboratory method.