

**RQS<sup>®</sup> – Water *Microbiology W-MB-Proficiency test Program  
me (Code H)***

**PLEASE NOTE:**

- (1) All Water PT schemes include samples which are either standard concentrates or standard reference material, which contain levels of contaminants usually, found in water samples
- (2) water Microbiology sample depend on water matrices spiked with Reference culture Strain.
- (3) Assigned value, Homogeneity and Stability performed by Subcontractor Lab

	PT Analyte Code	Matrix	Analyte	Approx. Size
1.	W-MB-01	Renal dialysis	Enumeration of Total Coliform by using membrane Filtration technique	
2.	W-MB-02	Renal dialysis	Enumeration of Faecal Coliform by using membrane Filtration technique	
3.	W-MB-03	Renal dialysis	Enumeration of Faecal Streptococcus by using membrane Filtration technique	
4.	W-MB-04	Drinking Water	Enumeration of Total Coliform by using membrane Filtration technique	
5.	W-MB-05	Drinking Water	Enumeration of Faecal Coliform by using membrane Filtration technique	
6.	W-MB-06	Drinking Water	Enumeration of Faecal Streptococcus by using membrane Filtration technique	
7.	W-MB-07	renal dialysis	Heterotrophic plate count at 22 °C by using culture methods [Pour plate technique , Heterotrophic plate count at 35°C by using culture methods [Pour plate technique	
8.	W-MB-08	renal dialysis	Enumeration of Pseudomonas aeruginosa by using membrane Filtration technique	
9.	W-MB-09	renal dialysis	Enumeration of Sulphite reducing anaerobes (Clostridia)	

	PT Analyte Code	Matrix	Analyte	Approx. Size
			by using membrane Filtration technique	
10.	W-MB-10	Water	Enumeration of <i>Pseudomonas aeruginosa</i> by using membrane Filtration technique	
11.	W-MB-11	Water	Enumeration of Sulphite reducing anaerobes ( <i>Clostridia</i> ) by using membrane Filtration technique	
12.	W-MB-12	Water	Detection of <i>Salmonella</i> spp. By using Culture Methods <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B	
13.	W-MB-13	Water	Detection of <i>Salmonella</i> spp. By using PCR <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B	
14.	W-MB-14	Water	Detection of <i>Legionella</i> by using Culture methods <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B	
15.	W-MB-15	Water	Detection of <i>Legionella</i> by using PCR <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B	
16.	W-MB-16	Water	Enumeration of Total Coliform by using MPN technique	
17.	W-MB-17	Water	Identification of different Spp. f or algae –By using microscopic Examination technique	
18.	W-MB-18	Water	Detection of Parasite by using microscopic Examination technique <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B	
19.	W-MB-19	Water	Detection of Parasite by using PCR <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B	

	PT Analyte Code	Matrix	Analyte	Approx. Size
20.	W-MB-20	Water	Enumeration of Enterococcus by Culture technique	
21.	W-MB-21	Water	Organism Identification Gram positive bacteria Gram negative bacteria Yeast & mold <input type="checkbox"/> Sample A <input type="checkbox"/> Sample B <input type="checkbox"/> Sample C <input type="checkbox"/> Sample D <input type="checkbox"/> Sample E	
22.	W-MB-22	Water	Detection and enumeration of Escherichia coli	
23.	W-MB-23	Water	Enumeration of E.Coli by using MPN technique	
24.	W-MB-24	Water	Enumeration of Enterococcus by using MPN technique	
25.	W-MB-25	Water	Enumeration of faecal Coliform by using MPN technique	
26.	W-MB-26	Water	Determination of [ Total algae – Green algae – Blue algae – diatom ] By using microscopic Examination technique	
27.	W-MB-27	Water	Enumeration of total Helmenths	
28.	W-MB-28	Water	Enumeration of Shigella spp	
29.	W-MB-29	Water	Enumeration of total Protozoa	
30.	W-MB-30	Water	Detection and Enumeration of Enterococcus faecalis in water culture methods	
31.	W-MB-31	Water	Enumeration of Escherichia coli and Coliform in water by membrane filtration technique	
32.	W-MB-32	Water	PT Sample for Detection of Legionella nemophila in water Culture technique Sample A Sample B	
33.	W-MB-33	Water	PT Sample for molecular detection of E .Coli 0157 • Sample A	

	PT Analyte Code	Matrix	Analyte	Approx. Size
			<b>Sample B</b>	
34.	<b>W-MB-34</b>	<b>Water</b>	<b>PT Sample for molecular detection of Salmonella soo. Sample A Sample B</b>	

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