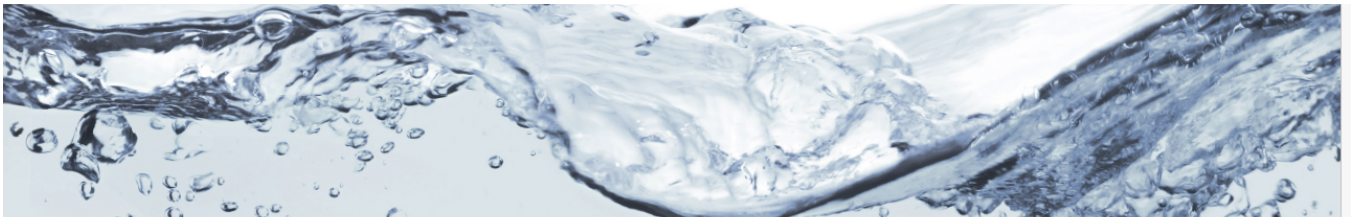
STANDARD OPERATING PROCEDURE

Biotesters

Water management

REF 3079 · Excluded from TGA regulation — ARTG inclusion not required

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Practice procedure — quantitative monitoring of liquids and surfaces with Biotesters.

Stamp ofthe practice

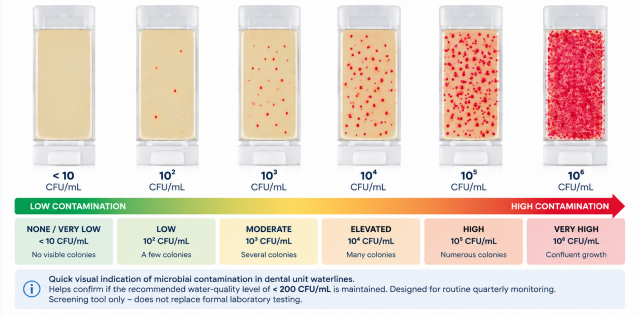
Clinic SOP for Biotesters (generic dip-slide monitoring aid). Screening tool only — does not replace formal laboratory testing when laboratory analysis is required. For step-by-step product handling, see the separate Instructions for Use (IFU).

WHAT	WHEN	HOW	BY MEANS OF
Testing preparation (microbial load in liquids and surfaces)	Recommendation Biodegree: Ideal for routine quarterly water-quality monitoring as part of the practice infection-control program. At least once a year.	**Wear protective gloves + protective glasses!** • Rinse all operating water lines (e.g. instruments, cup filler, spittoon bowl) for 2 min. • Fill a hygienically proper container with a proportional mix of water from all water lines (excluding the spittoon bowl).	**e.g. glass, tumbler**
Biotesters execution	See above (immediately after sample collection)	**Wear protective gloves, an apron impermeable to water + protective glasses!** • Remove the Biotesters dip slide from the tube. • Liquid: immerse the dip slide (agar culture medium) in the collected water for 10 seconds. • Surface: press against the surface to be examined for 10 seconds. • ATTENTION — do not touch the agar culture medium. • Return the slide to the tube, close tightly and label.	**Biotesters (REF 3079)** **Label: exact sampling point, place, date, name**

Biotesters

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WHAT	WHEN	HOW	BY MEANS OF
Incubation	Immediately after sampling	**Wear protective gloves, an apron impermeable to water + protective glasses!** • At room temperature, at normal exposure to light: 3–5 days; or • 24 hours in an incubator at 35 °C.	**Incubator (optional)**
Evaluation	After the incubation time	**Wear protective gloves, an apron impermeable to water + protective glasses!** Visually compare bacterial colony growth on the agar with the manufacturer's reference chart to estimate the level of microbial contamination. For dental unit waterlines in Australian practice, Biotesters help assess whether the required water-quality level of **<200 CFU/mL** is being maintained. Screening tool only — does not replace formal laboratory testing when laboratory analysis is required. The microbial count of liquids is measured in colony forming units (CFU) per mL. The microbial count on surfaces is measured in CFU per cm².	**Evaluation table of the manufacturer**



Additional actions in case of positive results (e.g. Biofilm-Removing / BRS, cleaning and disinfection, etc.) after the evaluation — follow your practice infection-control protocol.

Note: Follow advice for disposal of used dip slides and contaminated materials per practice waste procedures and the product SDS (available on request).

Biotesters is a screening tool and indicator only. Biodegree supports compliance; it does not certify practice compliance. Keep results with your infection-control records.

Instruction by:

Practice operator

Taken note of:

Staff