

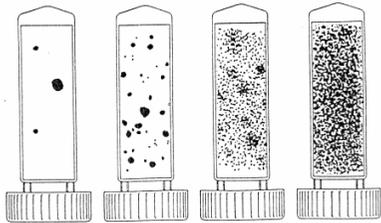
Standard Operating Procedure (SOP)



To carry out a quantitative monitoring of liquids and surfaces with the Biotest from Alpro Medical



WHAT	WHEN	HOW	BY MEANS OF
Testing of microbial load in dental and medical facilities of liquids and surfaces	According to RKI 2006 (KRINKO recommendation) Recommendation Alpro: 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 of all water lines (excluding the spittoon bowl)	e. g. glass, tumbler
Execution of biotest	➤ see above	Wear protective gloves, an apron impermeable to water + protective glasses! ➤ remove the Biotest from the tube ➤ liquid: dip the Biotest (gel culture medium) into the collected water for 10 seconds ➤ surface: press against the surface to be examined for 10 seconds ➤ ATTENTION do not touch the gel culture medium ➤ put the slide back into the tube, close tightly and label	Biotest exact sampling point, place, date, name

WHAT	WHEN	HOW	BY MEANS OF
Incubation	Immediately after sampling	<p>Wear protective gloves, an apron impermeable to water + protective glasses!</p> <ul style="list-style-type: none"> ➤ at room temperature, at normal exposure to light ➤ 3 – 5 days or 24 hours in the incubator at 35 °C 	incubator
Evaluation	➤ After the incubation time	<p>Wear protective gloves, an apron impermeable to water + protective glasses!</p> <p>Due to the European Directive regarding Medical Devices also treatment water units have to meet the requirements of the Drinking Water Ordinance. The limit value is 100 germs per ml of water (CFU/ml).</p> <p>The comparison of the following illustrations gives information about the level of contamination of the surface resp. the liquid.</p> <p>The microbial count of liquids is measured in colony forming units (CFU) per ml.</p> <p>The microbial count on surfaces is measured in CFU per cm².</p>	<p>Evaluation table of the manufacturer</p>  <p>approx. 10² approx. 10³ approx. 10⁴ approx. 10⁵</p>

Additional actions in case of positive results (e. g. Biofilm-Removing, cleaning and disinfection etc.) after the evaluation.

Note advice for disposal

Instruction by:

taken note of:

Practice operator

Staff