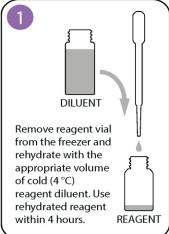


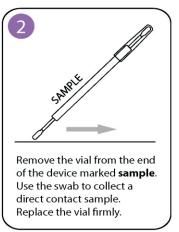
Introduction

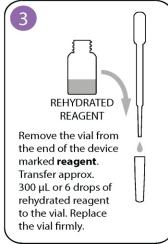
LumoStix™ rapid toxicity screening kit can be used to detect residues of cleaning products and chemical contamination in environmental samples. Samples can be taken directly off solid surfaces with the device

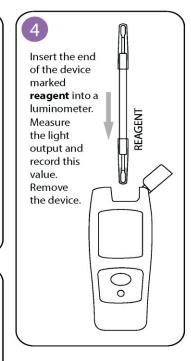
and measured with a portable luminometer. Toxic substances will inhibit the light emission of photo-bacterium in the reagent. Lower light output of the sample indicates toxicity in the sample.

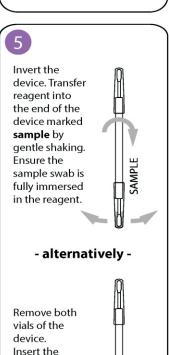
Procedure

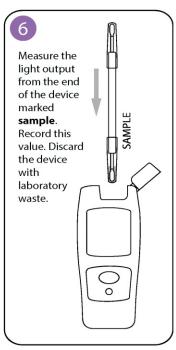












The result (sample light output vs. reagent control) is calculated with the following formula:

RLU (SAMPLE) x 100 %

If the result is below 50 %, the sample contains chemicals that inhibit the light output of the test reagent.

Kit content

1 vial of diluent 5 vials of reagent 20 LumoStix™ devices

References

Lappalainen, J., Loikkanen, S., Havana, M., Karp, M., Sjöberg, A.-M. and Wirtanen, G. (2000). Microbial Testing Methods for Detection of Residual Cleaning Agents and Disinfectants-Prevention of ATP Bioluminescence Measurement Errors in the Food Industry. J. Food Prot., Vol. 63, No. 2, pp. 210-215.



Manufactured by Aboatox Oy, Masku, Finland www.aboatox.com





SAMPLE

sample end to

the reagent. Replace both vials firmly.