

Enterococci Test



TEST KITS TAILORED TO YOUR APPLICATION

Selective enrichment broth for the detection of Enterococci and D-Streptococci within the bacteriological water examination. The peptone mixture guarantees rapid growth of Enterococci. Sodium azide largely inhibits the accompanying flora, especially the Gram-negative. The presence of Enterococci is indicated by an intense blue-green colour of the broth. 20 tests per pack. Store dry at +15 °C to +25 °C.

PERFORMING THE TEST

- Add 100 ml of water sample into a sterile, transparent vessel with screw cap, with a minimum capacity of 120 ml.
- Take one snap pack, shortly tap to ensure the granules are at the bottom. Bend the upper part of the snap pack until it breaks open.
- **Attention: do not touch the opening to avoid contamination risk!**
- Add the contents to the water sample. Seal the vessel and shake to dissolve the granules completely.
- Incubation: 18-24 h at 35° to 37 °C. If incubated at room temperature (+20 °C to 25 °C) the incubation time is prolonged up to 48 hours.
- Negative: No colour change. The broth remains slightly yellow.
- Positive: Any colour change of the broth to blue-green, even in the upper section of the broth only, confirms the presence of Enterococci (X-GLU reaction).
- Disposal - Autoclave the broth (15 min / 121 °C). Alternatively heat the broth for 30 min. in boiling water or use a proper disinfectant.

Control strains	Inoculum	Growth; 24-48 h at 35°C, aerobic	Colour change to blue-green
Enterococcus faecalis ATCC 19433 (WDCM 00009)	10-100	fair / good	+
Enterococcus durans ATCC 19432	10-100	fair / good	+
Staphylococcus aureus ATCC 25923 (WDCM 00034)	> 1000	fair / good	-