Protocol at a Glance AMODIA easyFlow® Bacteria

Enrichment culture available?

e.g.:



proceed with step 1.1

Example for liquid

Prepare enrichment culture! (materials not included in the kit)

enrichment cultures		1 g Product 9 g Inactivation solution 90 ml Nutrition media Incubation e.g. 24 h., 30°C - 35°C
1.1 Pre Treatment		1 ml from enrichment culture into 1,5 ml reaction tube 10 min Centrifuge at 13'000g Discard supernatant 100 µl Suspention buffer: resolve pellet (alternative: TE with 1 mg/ml lysozyme followd by incubation at 37°C for 10 min)
1.2 Hybridization setup		Prepare and dispense master-mix for all reactions: 30 µl Hybridization buffer (colorless cap) 5 µl Probe mix (yellow cap) Then add individually 100 µl Sample (from step 1.1) to each vial
1.3 Hybridization reaction	time	Temperature setting: • 95°C, 5 min • Ramp with cooling rate 0,1°C/s until 50°C • 50°C, 5 min • 30°C
2.1 LFD detection - Application		10 μl Reaction solution onto the LFD strip
2.2 LFD detection - Chromatography	TOP TOP	150 µl Chromatographic buffer (blue cap) Dip LFD strips into chromatographic buffer 20 min Develop LFD strips at RT Read-out result