

Technical Data Sheet

Laboratory Membrane Filtration Kit



Description

This kit allows the quantification of E.coli and other coliforms for a large number of water samples in the laboratory. LETZTEST has developed this kit which is perfectly suited for analytical laboratories located in areas with limited infrastructure. The kit is still easy to transport and can be operated without electricity in the event of a power failure. It is therefore ideal for setting up a project laboratory in a remote location. Furthermore, very low running costs are possible with this kit.

Specifications

- Art. no.: 1094
- Form: Hard-shell case
- Dimension: 690 x 530 x 285 mm.
- Case specifications: made of sturdy polypropylene material, easy transport by air, waterproof and impact resistant, temperature stable from -20°C to +75°C, device for padlock (delivery without lock), including robust wheels (exchangeable) and trolley handle
- Weight: 15 kg
- Sample type: water samples
- Quantifies: *Escherichia coli* and other coliform bacteria in water according to ISO 9308-1: 2014 standard. Advantage: The same kit can be used to quantify other relevant bacteria in water such as enterococcus, pseudomonas aeruginosa, heterotrophic bacteria, total count bacteria and many more.
- Detection limit: 1 cfu / 100 ml
- Duration until result: 18-24 h
- Waste Disposal: Used chromogenic petri dishes need to be autoclaved prior disposal or incinerated.
- Storage & shelf-life: Compact DRY Plates and ChroMedium Coliform Agar - 500g: storage at room temperature, shelf life of two years.

Content

- LETZTEST 3-branch Manifold – stainless steel; 1pcs
- LABOPORT N96 - electric laboratory vacuum pump with international adapters and car battery connection – made in Germany; 1pcs
- Vacuum bottle 2l and vacuum silicone hose >2m with inline filter for pump protection; 1 pcs
- Hand vacuum pump to be used in case of power outages – made in Germany; 1pcs

- Laboratory Gas Burner with mobile option (incl.additional parts and tubing for connection to central gas supply) – made in Germany; 1pcs
- LETZTEST Water Sampler – stainless steel made in Germany; 1pcs
- Spray bottle 500 ml (sterile water); 1pcs
- Spray bottle 250 ml (ethanol); 1pcs
- Alcohol candle – stainless steel; 1pcs
- Sterile water cup – stainless steel; 1pcs
- Ethanol cup – stainless steel; 1pcs
- Lockable forceps – stainless steel; 1pcs
- 1ml Measuring spoon – stainless steel; 1pcs
- Flat headed tweezers – stainless steel; 1pcs
- Waterproof pen; 1pcs
- Membrane filters; 100pcs
- Thio-Sample bags; 50 pcs
- Compact DRY Plates (*E coli* & other coliforms); 32pcs
- ChroMedium Coliform Agar 500g – made in Germany; 1pcs
- Reusable and autoclavable glas petri dishes – made in Germany; 15pcs
- Pre-sterilized Thio-sample bags; 25pcs
- Instruction Sheet for LETZTEST 3-Branch Manifold; 1pcs

Production site

LETZTEST

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51105 Cologne (Germany)

LETZTEST is a company that attaches great importance to the quality of its products. Both the intermediate production stages and the final products are checked according to specified release criteria.

Photos

