

Colifast Field Kit



Rapid detection of coliforms in water

Rapid screening test (2 h)

Presence-Absence test (11 h)

Most Probable Number test (11h)

COLIFAST[®]

Colifast Field Kit

- Rapid test for fecal contamination (thermotolerant coliforms)
- All included in one case
- Early warning for contamination: 15 minutes
- Time to result (bacterial number): 2 hours
- Easy to use, no skill requirement
- Testing at site (12V)
- Rapid screening for contamination sources
- Increased control of environmental water
- Increased control of waste water
- Increased control of clean water
- Readiness and reputation
- Low cost pr test

Guideline river water

CMD slope (MU Production/hour)	Thermotolerant coliforms / 100 ml
<2,5	~ 0
2,5	500
5	1 000
25	5 000
50	10 000
100	20 000
500	100 000

1 Slope unit = 200 cfu/100 ml



Content Colifast Field Kit

Rev 090505

- 1 Colifast Micro Detector with storage pouch
- 1 incubator with thermometer. 220V, 44°C
- 1 car converter 12V – 220V
- 18 prefilled vials with Colifast 6 medium (tests)
- 2 dropper bottles with 0,5M NaOH solution (developer)
- 1 vial with "blank" (calibration)
- 1 vial with "cal 48" (calibration)
- 1 dropper bottle with 10% Na-thiosulfate solution (chloride neutralization)
- 100 cuvettes (disposable)
- 100 cuvette caps (disposable)
- 1 cuvette rack
- 20 large pastettes for sub-sampling (3ml graded, one for each test)
- 3 sterile 10 ml syringes for addition of water sample (can be reused after wash)
- 4 bags of virkon. For disinfection.
- 2 sterile filters. For control samples, fits on syringe
- 1 quick guide
- 10 result sheets
- Extra info



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