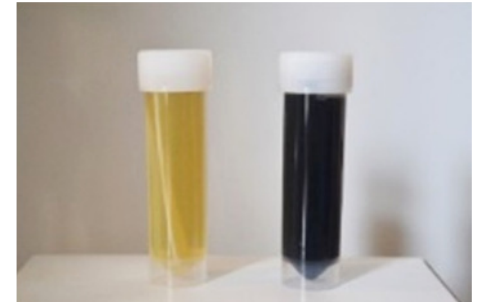


Test result after 1 day



Household Water Test Kit

The LETZNER Household Water Test Kit is a presence/absence test which detects fecal bacteria in drinking water. The test was developed for use in developing countries and can be performed and evaluated directly by a household member or in cooperation with an organization working in the water sanitation hygiene (WASH) sector. Educational support material provides figuratively an understanding of problems and gives clear and practical solutions in the safe handling of drinking water.

Advantages

Compared with conventional water quality tests for the detection of fecal bacteria, the LETZNER Household Water Test Kit has numerous advantages in its use in rural areas and with respect to the objective of sustainable behavior change in a household, and thus a lasting improvement in the quality of drinking water:

- Easy to store and to transport (storage of 5 years at elevated temperature is possible)
- Can be performed and evaluated by a household member, it does not require trained laboratory staff
- The test result is easy to interpret
- The booklet clearly shows the link between fecal contamination of drinking water and diarrheal diseases
- The booklet highlights critical points at which the water may be contaminated. The content is based on the current state of research in this area
- The booklet provides practical, efficient, understandable and attractive solutions for a good drinking water quality. The solutions presented are based on the current state of research and comply with the recommendations of the WHO

Field of Use

The LETZNER Household Water Test Kit considers particularly the problem of severe contamination on the way from an improved source, which may deliver safe drinking water, to the point of consumption. The kit goes along with the new strategy of the WHO for communities that are not connected to a central supply network, a simple and secure multi-barrier approach: (i) improved source; (ii) treatment within the household (e.g. ceramic pot filter); (iii) safe storage after treatment (e.g. receptacle of ceramic pot filter). The aim is to motivate the household to look closer and to change his behavior based on his own observation. The test tubes can be used as a “quick and easy check” of water quality, for educational purposes (e.g. in schools), as a household tool.

Content

- 15 test tubes
- Water Quality education Booklet
- Brief test instruction
- Figurative & detailed test instructions
- Result Chart
- Pen and Stickers

Languages

- English
- French

Price

- Our aim is to deliver high quality at **low cost**. Furthermore we aim to support local making. Please contact us for further information

Contact

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