

Chemical Product Sheet

GEL EC CFU Kit

**PRODUCT NAME:**

Aquagenx® GEL EC CFU Kit

TEST TYPE:

Colony Forming Units (CFU) of Escherichia coli (E. coli) bacteria in 100 mL sample

PRODUCT DESCRIPTION:

The GEL EC CFU Kit is a simple, portable field test that generates CFU test results without complicated membrane filtration equipment. It is designed for on-site testing in low resource, rural and disaster/emergency areas. Anyone can learn to use the GEL EC CFU Kit with little training.

- No electricity, lab, cold chain or expensive, complicated equipment required
- Ambient temperature incubation at 25° Celsius and above
- Works at variable temperatures, constant temperature control not required
- Ambient temperature test results in 20-48 hours
- Color change test results easy to interpret
- Compact and lightweight, small number of consumables
- Meets World Health Organization Guidelines for Drinking Water Quality
- GEL Kits also used to test surface waters with 1:10 Dilution

KIT CONTENTS:

GEL EC CFU Kits come with 25, 50 or 100 tests per kit. See product webpage:

<https://www.aquagenx.com/gel-kits/>

MANUFACTURER:

Aquagenx, LLC
PO Box 17181
Chapel Hill, North Carolina 27516 USA

Tel: +1-919-590-0343

info@aquagenx.com

www.aquagenx.com

DISTRIBUTORS:

See website for details:

<https://www.aquagenx.com/buy/>

AVAILABILITY:

USA and international

COST:

Contact Aquagenx for pricing

SHELF LIFE:

2-years for growth medium

STORAGE:

Recommended storage temperature of growth medium is 10-25° Celsius. Growth medium can be stored in a refrigerator. Cold chain for Aquagenx GEL EC+TC growth medium is not required.

MAINTENANCE:

Product is disposed after single use.

OTHER NECESSARY PRODUCTS:

If ambient temperature is below 25°C, incubation is recommended.

Aquagenx Accessories:

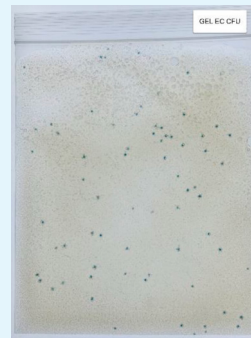
<https://www.aquagenx.com/accessories/>

PRODUCT DOCUMENTS:

<https://www.aquagenx.com/product-documentation/>



Aquagenx GEL EC CFU Kit 50-Pack



GEL Bag with blue E. coli colonies



GEL Bag with zero E. coli colonies

This document is open content. You are free to:

- Share – to copy, distribute and transmit this document
- Remix – to adapt this document

Under the following conditions:

- Attribution. You must give credit to CAWST as the original source of the document. Please include our website: www.cawst.org

CAWST and its directors, employees, contractors and volunteers do not assume any responsibility for and make no warranty with respect to the results that may be obtained from the use of the information provided.



B12, 6020 – 2 Street SE
Calgary, Alberta T2H 2L8
Canada
+1 (403) 243-3265
resources@cawst.org
cawst.org

To stay up-to-date and get support on:

- The latest updates to this document
- Other workshop and training related resources
- Using this document in your work

Visit resources.cawst.org