



3M Science.
Applied to Life.™

Designed for the way you test.

3M™ Molecular Detection Assay 2 - STEC Gene Screen (*stx*)

3M™ Molecular Detection Assay 2 - STEC Gene Screen (*stx* and *eae*)

Pathogen testing isn't one-size-fits-all — it's time assay kits reflected that. Introducing two assays for the rapid and specific detection of Shiga toxin gene (*stx1* and/or *stx2*), with the additional option of intimin gene (*eae*), from Shiga toxin-producing *E. coli*. Featuring all the benefits of the 3M™ Molecular Detection System (speed, accuracy and ease of use), these low-volume kits are designed with the customer in mind to help minimize waste and labor time.

- ▶ Customers have 3X longer to use an open pouch, helping avoid expiration*
- ▶ Packaging designed to reduce the risk of throwing away unused tests

The right choice for your lab.

3M™ Molecular Detection Assay 2 - STEC Gene Screen (*stx*)

3M™ Molecular Detection Assay 2 - STEC Gene Screen (*stx* and *eae*)

With severe effects on the human digestive system, the genes and subsequent family of toxins (*stx*) that are produced by Shiga toxin-producing *E. coli* (STEC) are crucial to test for in produce and beef production. By offering two distinct STEC assays for the detection of either *stx* alone or *stx* plus *eae*, 3M Food Safety allows you to test according to the needs and regulations relevant to your lab.

Experience the benefits of the 3M™ Molecular Detection System.

A single protocol for all pathogens means you can perform up to 96 tests of multiple types in one 60-minute run. And when compared using metrics such as time to result, throughput, unit size and workflow, the 3M™ Molecular Detection System outperforms other methods and manufacturers.



Get pathogen testing solutions tailored for your lab at 3M.com/foodsafety/MDA2.



3M Food Safety
3M Center, Building 275-5W-05
St. Paul, MN 55144-1000 U.S.A.
Phone 1-800 328-6553
Web 3M.com/foodsafety

3M Canada
Post Office Box 5757
London, Ontario N6A 4T1
Canada
Phone 1-800-364-3577

3M™ Molecular Detection System: LAMP vs. PCR.

Progressive loop-mediated isothermal DNA amplification (LAMP) technology gives you more control over every step of your testing process.



Cost-Effective

An affordable alternative to traditional pathogen testing.



Accurate

Precise sensitivity from a robust, specific technique.



Fast

See results as early as 15 minutes.**



Easy to Use

Streamlined workflow for simple training.



Reliable

No internal amplification control needed for reliable results.

Ordering Information

Description	Cat. No.	Contents
3M™ Molecular Detection Assay 2 - STEC Gene Screen (<i>stx</i>)	MDA2STX96	96 tests/kit
3M™ Molecular Detection Assay 2 - STEC Gene Screen (<i>stx</i> and <i>eae</i>)	MDA2STXEAE48	48 tests/kit

*Without additional desiccant steps, when compared to available competitor IFU.

**Results vary according to assay.

© 3M 2019. All rights reserved. 3M is a trademark of 3M. Used under license in Canada. Please recycle. Printed in U.S.A. 70-2011-5179-5