

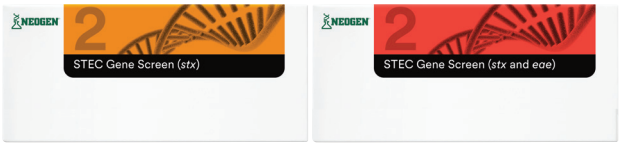
Designed for the way you test

Neogen® Molecular Detection Assays 2 (MDA 2) – STEC Gene Screen *(stx)* and 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 Neogen 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[1]
- Packaging designed to reduce the risk of throwing away unused tests



The right choice for your lab

Neogen MDA 2 - STEC Gene Screen (*stx*) and 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*, Neogen allows you to test according to the needs and regulations relevant to your lab.

Experience the Benefits of the Neogen Molecular Detection System

A single post-enrichment 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 Neogen Molecular Detection System outperforms other methods and manufacturers.



Learn more at **info.neogen.com/MDS**

Certifications and Validations:

MDA 2 - STEC Gene Screen (*stx*)

- AOAC® *Performance Tested Method*℠ (Certificate #071903)

MDA 2 - STEC Gene Screen (*stx* and *eae*)

- AOAC® *Performance Tested Method*℠ (Certificate #071902)

Neogen 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.[2]

Easy to Use
Streamlined workflow for simple training.

Reliable
No internal amplification control needed for reliable results.

Ordering Information

Description	Cat. No.	Contents
Molecular Detection Assay 2 - STEC Gene Screen (*stx*)	MDA2STX96	96 tests/ kit
Molecular Detection Assay 2 - STEC Gene Screen (*stx* and *eae*)	MDA2STXEAE48	48 tests/ kit

NEOGEN®

[1] Without additional desiccant steps, when compared to available competitor IFU.
[2] Results vary according to assay.

Neogen Corporation, 620 Lesher Place, Lansing, MI 48912 USA.
© Neogen Corporation 2023. All rights reserved. Neogen is a registered trademark of Neogen Corporation.
All other marks mentioned are the property of their respective owners.
FS00396_0523