



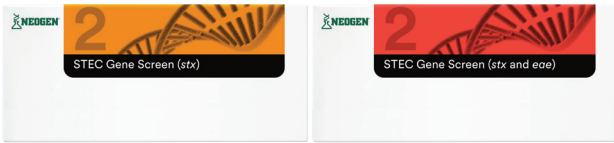
Designed for the way you test

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 expiration¹
- 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



¹ Without additional desiccant steps, when compared to available competitor IFU.

² Results vary according to assay.

Certifications and Validations:

MDA 2 - STEC Gene Screen (*stx*)

- AOAC® Performance Tested MethodSM (Certificate #071903)

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

- AOAC® Performance Tested MethodSM (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 (<i>stx</i>)	MDA2STX96	96 tests/kit
Molecular Detection Assay 2 - STEC Gene Screen (<i>stx</i> and <i>eae</i>)	MDA2STXEAE48	48 tests/kit