

Reveal[®] 2.0 for *Salmonella*

Neogen offers the greatest variety of simple and accurate *Salmonella* rapid testing options. Whether you are an occasional tester of a limited number of common commodities, or your operation requires frequent high volume sample throughput of wide-ranging commodities, Neogen has a solution for you.

Reveal[®] AccuScan[®] III System

- Objective analysis - eliminates user variability of results
- Complete archival recording - time saved on manual recording of results
- Export easily to Excel - additional reporting and tracking capabilities

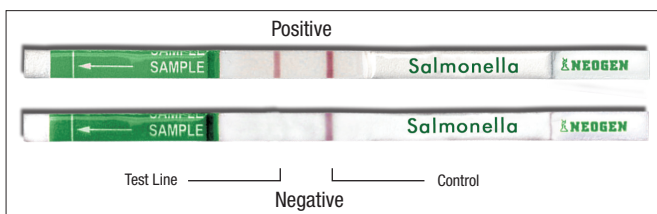
The Reveal AccuScan III system consists of a lateral flow test reader combined with a personal data assistant (PDA), and intuitive data management computer software. The reader contains a digital camera with a housing designed to accept Reveal 2.0 *Salmonella* lateral flow tests. The system provides an easy method to objectively read, store, and analyse the results of the Reveal 2.0 for *Salmonella* test system.



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Approval: AOAC-RI #960801

- Simple to use assay - clear colourmetric results for easy analysis
- Specific DNA based pathogen detection system - minimises false results
- Scalable microwell format - manual, semi or fully automated platform to suit testing requirements



Neogen's Reveal 2.0 for *Salmonella* assay is a simple yet sophisticated lateral flow technology that is easy to perform with minimal sample touch time. The assay lends itself to multiple food matrices and is scalable to any operation - from low volumes to theoretically unlimited throughput. Reveal 2.0 requires minimal equipment and low capital expense to begin testing.

The Reveal 2.0 device is placed in the sample cup containing a portion of the enriched sample, and sample is wicked through a reagent zone which contains specific antibodies conjugated to colloidal gold particles. If antigens are present in the sample, a line will form in the test zone of the sample device. Regardless of the presence or absence of the *Salmonella* antigen, the control line will form in the control zone, ensuring the test is working properly.

To place an order, or for more information, contact your local Neogen Europe representative, or visit our web site at www.neogeneurope.com

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Reveal® 2.0

For *Salmonella*



Intended Use

The Reveal 2.0 for *Salmonella* test provides for the rapid recovery of *Salmonella* in chicken carcass rinse, raw ground turkey, raw ground beef, hot dogs, raw shrimp, ready-to-eat meal products, dry pet food, ice cream, fresh spinach, cantaloupe, peanut butter, swabs from stainless steel surfaces, and sprout irrigation water samples allowing detection and presumptive identification of *Salmonella* within 24 hours.

Product Specifications

Sensitivity:	1 cfu/analytical unit 10 ⁶ cfu/mL post enrichment
Testing time:	15 minutes
Tests per kit:	20
Kit contains:	20 Reveal 2.0 for <i>Salmonella</i> test devices 20 disposable transfer pipettes 20 sample cups
Approvals:	AOAC-RI #960801

Results

Positive



Negative

Ordering Information

Prod.#	Product description
9706	Reveal 2.0 One-Step for <i>Salmonella</i> – Kit contains 20 devices
9802	Reveal 2.0 One-Step <i>Salmonella</i> Complete System – contains devices, RV selective medium, and sampling bags for 20 tests
9803	Reveal 2.0 for <i>Salmonella</i> Complete System with RV – contains devices, REVIVE, RV selective medium and sampling bags for 20 tests
9804	Reveal 2.0 for <i>Salmonella</i> Complete System with M-Broth and RV – contains devices, REVIVE, RV selective medium, M-Broth and sampling bags for 20 tests
9805	Reveal 2.0 for <i>Salmonella</i> Environmental Sampling System – contains devices, REVIVE, RV selective medium, M-Broth and environmental sampling kits for 20 tests
9705	REVIVE for <i>Salmonella</i> – Patented resuscitation medium to speed up enrichment for <i>Salmonella</i> . Contains bottles and bags for 20 tests
9729	1X RV Selective Media – Rappaport-Vassiliadis Broth 1X. Media kit contains prefilled bottles for 20 tests and 20 stomacher bags
9715	2X RV Selective Media – Rappaport-Vassiliadis Broth 2X concentrate. Media kit contains prefilled bottles for 20 tests and 20 stomacher bags. To be used in combination with REVIVE.

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Interpretación de Resultados

Transcurridos 15 minutos desde que se dispensó la muestra en el cassette inmunocromatográfico, se realiza la lectura de resultados, observando el número de líneas de color azul que aparecen en dicha ventana

Resultado Positivo :

Aparecen dos líneas de color en la ventana de reacción

Resultado Negativo :

Solo aparece la línea de control en la ventana de reacción

Características técnicas de Reveal E.coli 0157:H7

- x Especificidad : 98 %
- x Límite de detección : 1 CFU/25 g de muestra
- x Sensibilidad : 10^4 CFU/ml
- x Tiempo de ejecución : Enriquecimiento : 8 horas
Test inmunológico : 15 minutos
- x Conservación : Cassettes Inmunocromatográficos : 2-8 °C
Medio de cultivo : temperatura ambiente
- x Presentación : Kit 20 test

Validaciones

El kit Reveal E.coli 0157:H7 ha sido adoptado como **método oficial** por la AOAC :

“AOAC Official Method” - número : 2000.13 (método en 8 horas)

“AOAC Official Method” - número : 2000.14 (método en 20 horas)

Así mismo, el método ha sido aprobado por el Ministerio de Agricultura de los Estados Unidos (USDA/FSIS)