innuDETECT E. coli O104 Assay - Food



TaqMan®-based innuDETECT Food Pathogen Assays enable specific analysis for a range of pathogens encountered in food control applications.

Are you looking for a fast and sensitive method for the identification of microorganisms in food samples? Thanks to developments in molecular biological techniques, IST Innuscreen‘s solutions minimize the analysis time with minimal personnel effort and reduce the costs incurred while taking into account the quality requirements of today‘s daily laboratory routines. Benefit from the new TaqMan®-based innuDETECT Food Pathogen Assays, which enable specific analysis for a range of pathogens encountered in food control applications. DNA extraction using our novel SmartExtraction technology and subsequent application of IST Innuscreen‘s innuDETECT Food Pathogen Assays, based on lyophilized master mixes, make the daily use easy and secure.The reproducible real-time PCR results are characterized by very good efficiency, detected in the FAM channel. The artificial internal control integrated in the assays can be used

as extraction as well as amplification control and is detected in the HEX channel.

Specifications

- Verified for use after manual and automated nucleic acid extraction
- Lyophilized reagents for easy PCR set-up, to minimize errors, for improved efficiency and for shipping at room temperature
- Internal control included
- Fast analysis due to optimized PCR chemistry: assay time 1 h

Detection principle
Real-Time PCR (TaqMan)
Target-DNA (FAM); Internal Control (HEX)

Starting material
Pathogen DNA isolated from pellets following stomacher cultivation

Detection Time
1 h

Sensitivity
5 Copies/PCR reaction

Product Name: innuDETECT E. coli O104 Assay

Product details

Reactions: 24 or 96/Food Pathogen Assays

The online shop

Price: € 126.00
Content: 24 reactions
Please select packing 24 reactions ▼