

## ***E. coli* O157 Food Safety Kit**

### Fast, Reliable Pathogen Detection at Your Fingertips

The Hunter® Real-Time PCR System provides simple, fast, and reliable solutions for affordable food product and environmental microbiological testing. InstantLabs helps you save time and money by delivering gold-standard molecular testing technology in an easy-to-use format.



#### Streamlined Protocol

InstantLabs' food safety test kits for use with the Hunter® system let you spend less time testing and more time on your business.

Go from sample to result in a few fast and easy steps. Most users are up and running quickly with minimal training.

The advanced Hunter® system also takes the guesswork out of your testing program by automatically analyzing results.

Enrich  
Sample



Extract  
DNA



Load  
Hunter®



Read  
Automated  
Results

#### Simple-to-Use

- Streamlined protocol
- Walk-away rapid analysis

#### Fast Results

- Detect *E. coli* O157 after just 10 hours of enrichment

#### Point-of-Need

- The Hunter® Real-Time PCR instrument allows testing to be performed anywhere

#### Accurate

- Dependable results using industry-proven Real-Time PCR

#### Sensitive

- New DNA-based detection technology offers significantly enhanced sensitivity over traditional ELISA or lateral flow assays.

#### SPECIFICATIONS

- Catalog # 9034-0600-0001
- InstantLabs' food safety kits for the Hunter® Real-Time PCR instrument contain all of the reagents necessary for automatic analysis of up to 5 samples.
- Limit of detection: ~1 CFU per test portion\*
- Store at 2—8°C

\* Limit of detection determined by InstantLabs in internal studies



# Customer Service or Technical Support Toll-Free 855.800.7086 www.instantlabs.com

## Why Use Real-Time PCR?

Real-time PCR relies on the amplification and detection of DNA and is the most advanced testing method available. This technology has many advantages over other testing methods, including:

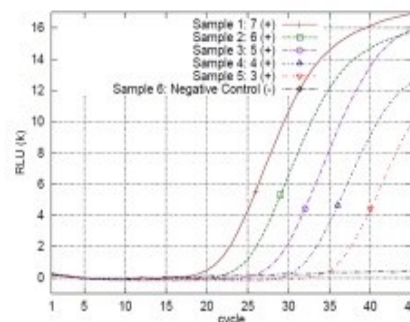
- **Speed**—the Hunter® Real-Time PCR system, results are at your fingertips in less than two hours after enrichment, as compared to days when sending out samples.
- **Accuracy**—Real-Time PCR relies on the direct analysis of DNA, ensuring accuracy of the results on the genetic level.
- **Sensitivity**—the Hunter® Real-Time PCR system can detect as little as one strand of DNA in a given sample. If your target is present at the lowest levels, you'll find it.

## InstantLabs' Hunter® Real-Time PCR Instrument



InstantLabs combines the speed and accuracy of Real-Time PCR with ease-of-use, reliability, and affordability, delivering the gold standard results of Real-Time PCR to more industries and more companies than was ever before possible. With InstantLabs' Hunter® Real-Time PCR System, you can quickly and easily implement an in-house testing system, delivering results faster so you can ship your products sooner.

Our breakthrough DNA extraction process, streamlined protocols, and touchscreen-driven design ensure that virtually everyone can operate the Hunter® with confidence. Automatic analysis of results takes the guesswork out of testing. With results that can be automatically delivered by email after a run has completed, you'll always have the most up-to-date information at your fingertips.



## Also Available from InstantLabs

### Species Identification:

InstantID™ Pork  
InstantID™ Horse  
InstantID™ Blue Crab  
InstantID™ Salmon  
InstantID™ US Catfish  
InstantID™ Custom

### Food Safety:

*Salmonella* Species  
*Listeria* Species  
*Listeria monocytogenes*

### Instrumentation and Reagents:

Hunter® Real-Time PCR Instrument  
FASTGRO™ SE Enrichment Broth  
Buffered *Listeria* Enrichment Broth

Schedule a demo today, call us at 855.800.7086.

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