

## InstantID™ Blue Crab

### Fast, Sensitive Assurance of Authentic Blue Crab at Your Fingertips

The InstantID™ Blue Crab Test Kits use ultra sensitive DNA-based technology for rapid and accurate testing to assure an authentic product. DNA analysis using the Hunter® system gives you the power to easily verify the identity of even highly processed products with sensitivity significantly higher than is possible with antibody-based technologies. InstantID™ species identification test kits work by detecting only the DNA specific to the target species – in this case, the species *Callinectes sapidus*, commonly known as Atlantic Blue Crab.



#### Streamlined Protocol

InstantID™ kits and the Hunter® system let you spend less time testing and more time focusing on your business. It takes only a few fast and easy steps to go from sample to result, so most users can be up and running quickly with minimal training. The advanced Hunter® system also takes the guesswork out of your testing program by automatically analyzing results.



#### Simple-to-Use

- Color-coded kit components
- Streamlined protocol
- Walk-away rapid analysis

#### Fast Results

- Assure the identity of your product in as little as 2 hours

#### 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 versus traditional ELISA or lateral flow assays.

#### SPECIFICATIONS

- InstantID™ Blue Crab Kit: # 9034-0650-0025
- InstantID™ kits for InstantLabs' Hunter® Real-Time PCR instrument contain all of the reagents necessary for automatic analysis of up to 5 samples, including controls.
- Robust; validated across multiple matrices
- High sensitivity—detect even trace amounts of blue crab (limit of detection: ~0.1% per test portion)
- Store at 2—8°C

## 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:

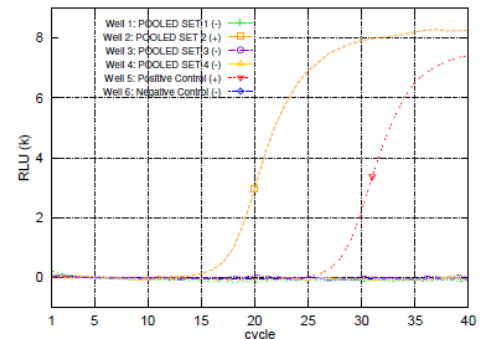
- **Speed**—when using Real-Time PCR, results are at your fingertips in just two hours, as compared to days when sending out samples.
- **Accuracy**—Real-Time PCR relies on the direct analysis of DNA, which allows PCR assays to ensure accuracy of the results on the genetic level.
- **Sensitivity**—Real-Time PCR can detect as little as one strand of DNA in a given sample, ensuring that if it's present, 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 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, and with results that can be automatically delivered over 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™ Horse  
InstantID™ Pork  
InstantID™ US Catfish  
InstantID™ Salmon  
InstantID™ Red Snapper

### Food Safety:

*Salmonella* Species  
*E. coli* O157  
*Listeria* Species  
*Listeria monocytogenes*

### Instrumentation and Reagents:

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

## Don't have a Hunter® instrument yet?

All of our InstantID™ assays are available for your existing Real-Time PCR instrument.