





**FOOD, BEVERAGE,
SEAFOOD &
DAIRY INDUSTRY**

Column Based Extraction Kits

Product Name	Product Code	Industry Application		
		Food	Dairy	Beverage
HiPurA® Food DNA Purification Kit	MB562	✓	✓	—
HiPurA® Spice DNA Purification Kit	MB567	✓	—	—
HiPurA® Food Pathogen DNA Purification Kit (Salmonella) [Provide with culture media]	MB568	✓	✓	✓
HiPurA® Food Pathogen (Bacteria) DNA Purification Kit	MB568A	✓	✓	✓
HiPurA® Shrimp DNA Purification Kit	MB581	✓	—	—

Magnetic Automated Extraction Kits

Peel-off Pre-filled Format	Instrument	DNA Purification (Sample Type)	Product Code	Industry Application		
				Food	Dairy	Beverage
Cartridge 	Insta NX® Mag16	Food	MB562PC16-48PR	✓	✓	—
		Shrimp	MB581PC16200-48PR	✓	—	—
Plate 		Food	MB562MPF16-96PR	✓	✓	—
		Shrimp	MB581MPF16200-96PR	✓	—	—
Insta NX® Mag32		Food	MB562MPF-32-10NO	✓	✓	—
		Shrimp	MB581MPF3200-10NO	✓	—	—

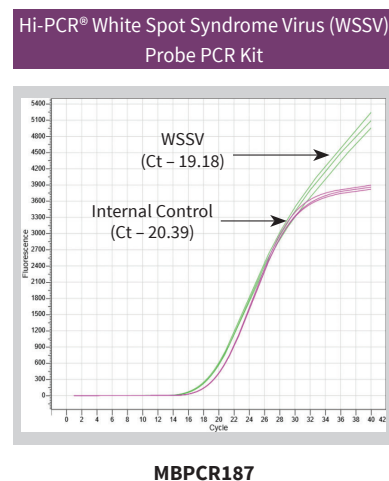
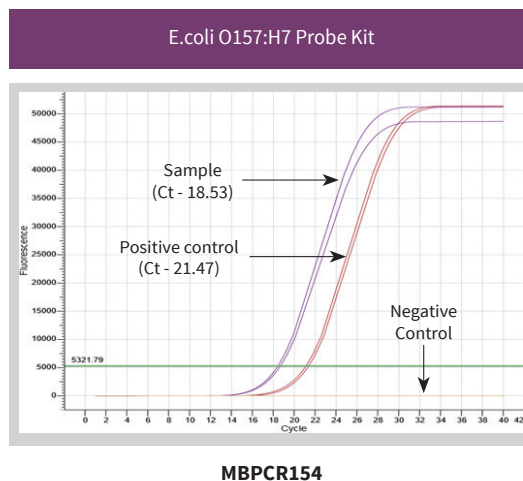
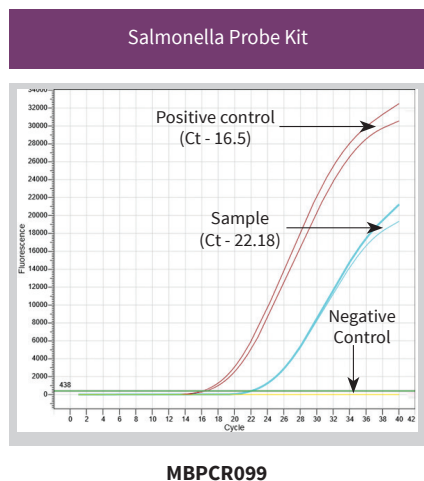
Samples Processed

- Spice Mix
- Chips
- Milk & Milk products
- Seafood-Shrimp & Fish Tissue
- Coffee
- Plant & Seeds
- Butter, Ghee, Cheese
- Health drinks, Fruit juices
- Animal tissue / Fat

* CUSTOMISATION POSSIBLE

Hi-PCR® Pathogen Detection and Food Adulteration Kits

- MBPCR238** - Generic E. coli Probe Kit
- MBPCR099** - Salmonella Probe Kit
- MBPCR025A** - Listeria monocytogenes SYBr PCR Kit
- MBPCR154** - E.coli O157:H7 Probe Kit
- MBPCR191** - Enterocytozoon hepatopenaei (EHP) Probe Kit
- MBPCR187** - White Spot Syndrome Virus (WSSV) Probe PCR Kit



SPOT THE DIFFERENCE

MILK



- Hi-PCR® Milk Adulteration Probe PCR Kit (Bovine) - MBPCR237 *
- Hi-PCR® A1A2 Probe PCR Kit - MBPCR199 *

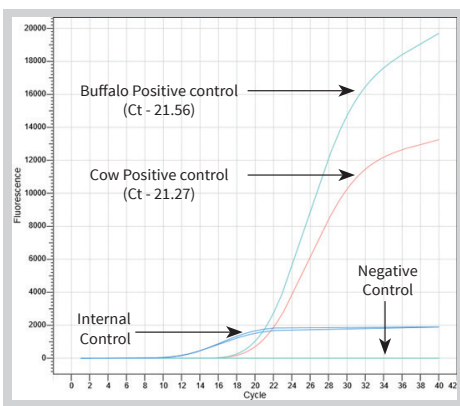
MEAT



- Hi-PCR® Pork SYBr PCR Kit - MBPCR098 *
- Hi-PCR® Pork Probe PCR Kit - MBPCR136 *
- Hi-PCR® Cow Buffalo Probe PCR Kit - MBPCR141 *

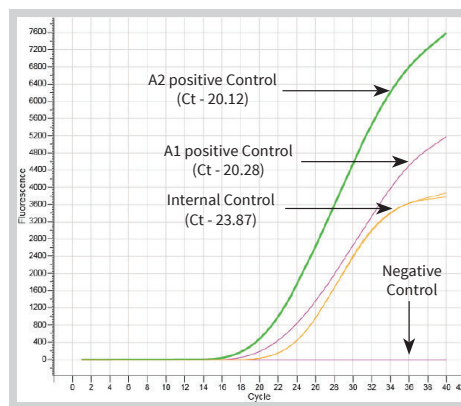
MBPCR237

Hi-PCR® Milk Adulteration Probe PCR Kit (Bovine)



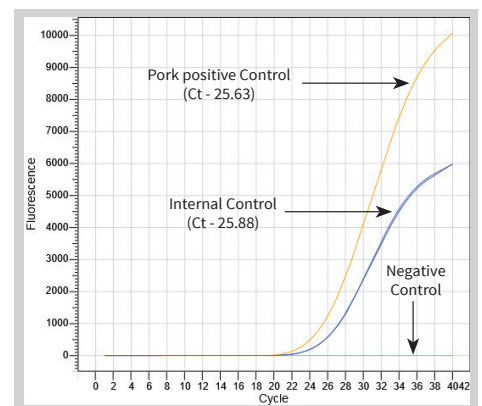
MBPCR199

Hi-PCR® A1A2 Probe PCR Kit



MBPCR136

Hi-PCR® Pork Probe PCR Kit



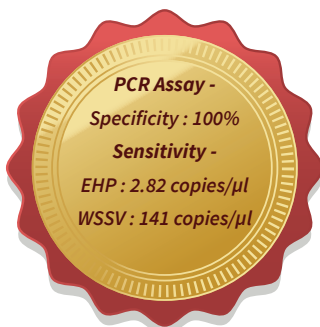
Beat the Clock!

For EHP-WSSV detection



1. SHRIMP SAMPLE

- **WSSV** (White Spot Syndrome Virus) infection is a **WOAH (founded as OIE) listed disease**, and has serious impacts on livestock and public health.
- **EHP** (Enterocytozoon hepatopenaei) infection is reported as an **emerging disease** by WOAHP (World Organisation for Animal Health).
- Both infections cause high mortality in shrimps and outbreaks of which lead to major economic losses.
- **Early diagnosis of the infections using Real-Time PCR technique is recommended by WOAHP for quick surveillance and control.**



2. NUCLEIC ACID EXTRACTION

For Seamless Extraction of Shrimp DNA



Insta NX® Mag16 Plus



Peel-off Pre-filled Plates (MB581MPF16200)



Peel-off Pre-filled Cartridges (MB581PC16200)

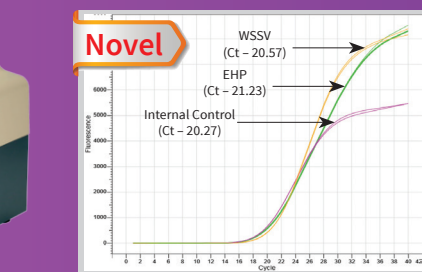
Single Sample Processing

3. REAL TIME PCR

Simultaneous detection of EHP & WSSV with Multiplex Probe based PCR Kit



Insta Q96® - 6.0



EHP-WSSV Multiplex Probe PCR Kit - MBPCR254

Our Abstract titled 'Development of a Novel Multiplex Probe-Based, Real-Time PCR Assay for Simultaneous Detection of EHP and WSSV Infections in Shrimps' was selected for Technical Oral Presentation at

***IAFP 2023, Canada**

EXTRACTION KITS FOR GMO DETECTION

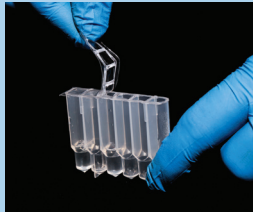


Silica Column Based



- MB507 - HiPurA® Plant Genomic DNA Miniprep Purification Kit
- MB571 - HiPurA® SuperPlant DNA Purification Kit (For Purification of DNA from plants rich in polyphenols)

Magnetic Automated Extraction Kits



Peel-off Pre-filled Cartridge for single sample processing

Plant DNA

- MB507PC16-48PR

SuperPlant DNA

- MB571PC16-48PR



Peel-off Pre-filled Plates

Plant DNA

- MB507MPF-16-96PR
- MB507MPF-32-3NO
- MB507MPF-96-2NO

SuperPlant DNA

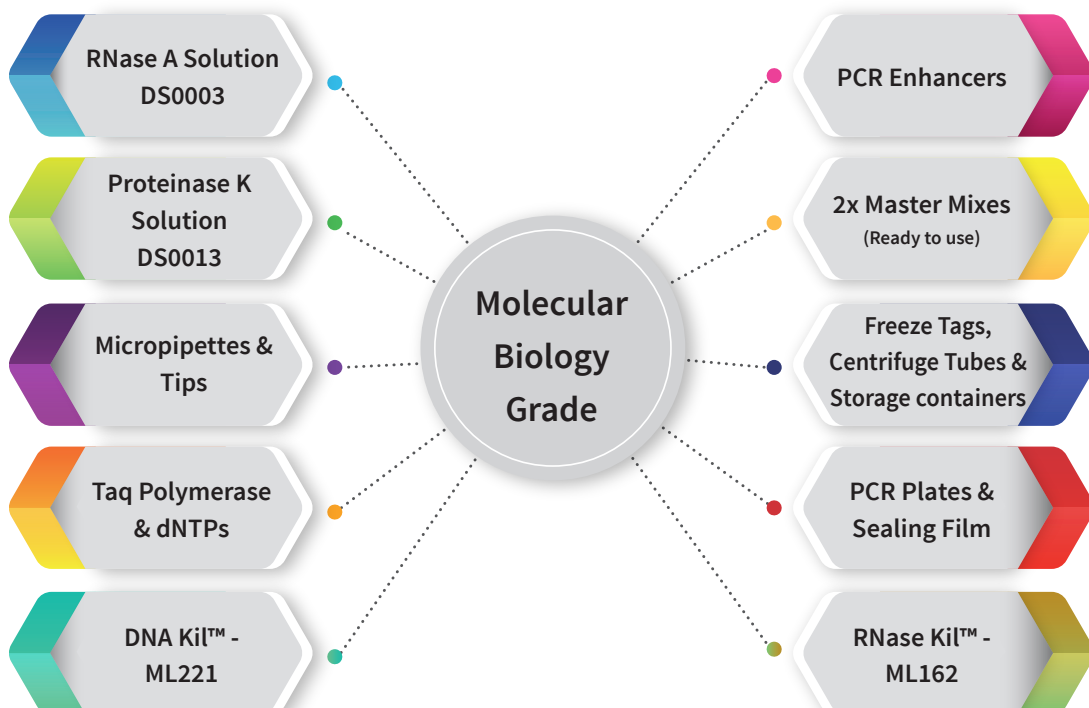
- MB571MPF16-96PR

PCR KITS FOR GMO DETECTION



- Hi-PCR® GMO Semi-Q PCR Kit - MBPCR055
- Hi-PCR® GMO SYBr PCR Kit - MBPCR063

COMMONLY USED CHEMICALS, REAGENTS & CONSUMABLES





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