

PowerChek™ 20 Foodborne Bacteria Screening Kit series 

20 Foodborne Bacteria Screening : Quick Extraction + Real-time PCR



Quick & accurate total solution for food bacteria : from Extraction to Detection

- *Campylobacter jejuni*
- *E. coli* O157
- *Clostridium perfringens*
- *Listeria monocytogenes*
- *Vibrio cholerae*
- *Vibrio vulnificus*
- *Vibrio parahaemolyticus*
- *Salmonella* spp.
- *Bacillus cereus*
- *Yersinia enterocolitica*
- *Staphylococcus aureus*
- *Shigella* spp.
- EHEC
- ETEC
- EPEC
- EAEC/EIEC

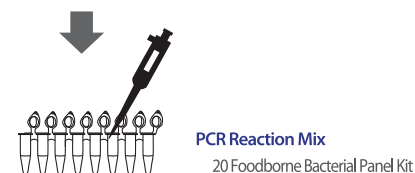
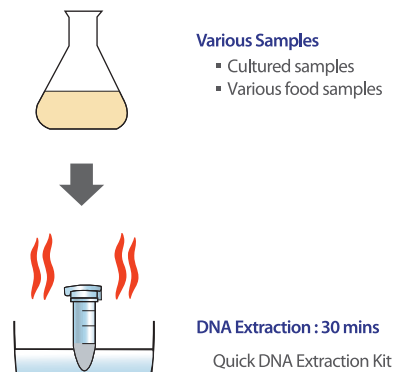
Quick and Accurate Total Solution for 20 Foodborne Bacteria

When foodborne disease outbreaks, it is most important to perform laboratory-based surveillance for causative pathogens and epidemiological study as soon as possible. PowerChek™ 20 Foodborne Bacteria Screening Kit series provide a rapid and efficient DNA extraction method and accurate detection method for common 20 foodborne bacteria in various food samples.

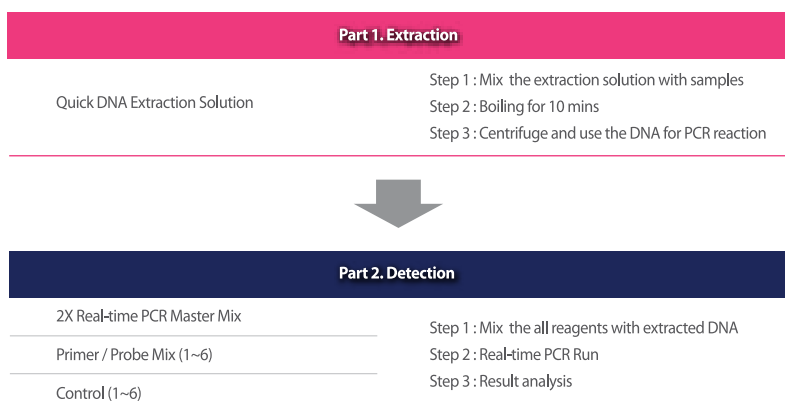


- Fast and efficient extraction system : less than 30 mins
- High sensitivity & specificity
- Internal Control included
- Full line-up for major foodborne bacteria
- Complete solution kit including all reagents
- Compatibility – Flexible Open System

Work Flow



Simple method & components : from Extraction to Detection



Detection targets : 20 Foodborne Bacteria Panel Kit

Panel	Target	Analyte	Fluorophore
P1 (Quadruplex)	<i>Campylobacter jejuni</i>	hipO	FAM
	<i>Campylobacter coli</i>	glyA	VIC (HEX)
	<i>Clostridium perfringens</i>	cpa	NED/ROX
		cpe	Cy5
P2 (Triplex)	<i>Vibrio cholerae</i>	hly	FAM
	<i>V. vulnificus</i>	vvh	VIC(HEX)
	<i>V. parahaemolyticus</i>	toxR	NED/ROX
P3 (Triplex)	<i>Listeria monocytogenes</i>	prfA	FAM
	<i>Salmonella</i> spp.	invA	VIC(HEX)
	IC	-	Cy5
P4 (Triplex)	<i>Bacillus cereus</i>	groEL	FAM
	<i>Yersinia enterocolitica</i>	inv	VIC(HEX)
	<i>Staphylococcus aureus</i>	femA	NED/ROX
P5 (Quadruplex)	EHEC	VT1	FAM
		VT2	NED/ROX
	ETEC	LT	Cy5
	STh / STp	VIC(HEX)	
P6 (Quadruplex)	EAEC	aggR	FAM
	EPEC	bfpA	VIC(HEX)
		eaeA	NED/ROX
	BECC/ <i>Shigella</i> spp.	ipaH	Cy5

Ordering Information

Cat No.	Product	Features	Size
S1601	PowerChek™ 20 Foodborne Bacteria Screening Kit	Total solution from Extraction to Detection	50
Unit No.			
R1601E	PowerChek™ 20 Foodborne Bacterial Panel Kit	Compatible with various instruments	32 tests
E0105	PowerPrep™ Quick DNA Extraction Kit	Quick extraction system less than 30 minutes	50 prep