



PowerChek™ Halal Test Real-time PCR Kit series

# Halal Test by Real-time PCR



## Reliable halal test in various samples

- Various raw & processed food
- Various gelatin products
- Pharmaceutical capsule

# Animal species ID in your Halal sample

“Halal” is any object or an action which is permissible to use or engage in, according to Islamic law. This term covers and designates not only food and drink, but also all objects of daily life, such as cosmetics, pharmaceuticals and other general supplies. Halal test using DNA offers reliable methods, which can provide increased precision test for the presence of pork DNA in various samples such as food, pharmaceuticals and cosmetics etc. PowerChek™ Halal Test Real-time PCR Kit series are designed for specific use with various halal samples as well as regulators and auditors for food quality and safety.



## PowerChek™ Halal Test Kit series

- High sensitivity & specificity
- Simple & easy to use
- Time-to Result : 1.5~2.5 hrs
- Compatibility with various Real-time PCR instruments
- Internal Control included
- Extended application : Meat, foods, gelatin related products, pharmaceuticals and cosmetics etc.

## Ordering Information

Cat #	Real-time PCR System	Specifications	Capacity
KQ0001	PowerAmp96™	<ul style="list-style-type: none"> <li>▪ 6 fluorescence channels</li> <li>▪ 10.4" full color touch screen</li> <li>▪ LED source</li> <li>▪ Temperature accuracy : ± 0.1°C</li> <li>▪ Maximum heating rate : 6.1°C/s</li> </ul>	96 wells

Cat #	Product	Fluorophore	Size
R0430E	PowerChek™ Pork Gelatin Real-time PCR Kit	FAM / JOE(HEX or VIC)	50
R0440E	PowerChek™ Animal ID Multiplex Real-time PCR Kit (Bovine, Goat, Sheep)	FAM / VIC(HEX) / ROX / Cy5	50
R0404E	PowerChek™ Porcine species Real-time PCR Kit	FAM / VIC(HEX)	50
R0403E	PowerChek™ Bovine species Real-time PCR Kit	FAM / VIC(HEX)	50
R0406E	PowerChek™ Horse species Real-time PCR Kit	FAM / VIC(HEX)	50
R0402E	PowerChek™ Sheep species Real-time PCR Kit	FAM / VIC(HEX)	50
R0407E	PowerChek™ Goat species Real-time PCR Kit	FAM / VIC(HEX)	50
R0401E	PowerChek™ Chicken species Real-time PCR Kit	FAM / VIC(HEX)	50
R0420E	PowerChek™ Duck Real-time PCR Kit	FAM / VIC(HEX)	50
R0421E	PowerChek™ Turkey Real-time PCR Kit	FAM / VIC(HEX)	50

Cat #	Product	Application	Size
E0103	PowerPrep™ Gelatin DNA Extraction Kit	<ul style="list-style-type: none"> <li>▪ Gelatin, gelatin processed food</li> <li>▪ Marshmallow, hard and soft capsules</li> <li>▪ Various samples including gelatin</li> </ul>	50
E0002	PowerPrep™ DNA Extraction from Food & Feed Kit	<ul style="list-style-type: none"> <li>▪ Meat, meat products</li> <li>▪ General processed food</li> </ul>	100

Cat #	Product	Size
CL0001	PowerCleanser™ DNA Remover	500ml

## Work Flow



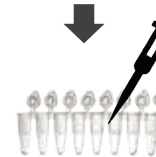
Various food samples

- Meat, meat products
- General processed food

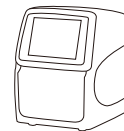


DNA Extraction : 1.5 hrs

- Gelatin DNA Extraction Kit
- DNA Extraction from Food & Feed Kit



PCR Reaction Mix  
PowerChek™ Halal test Kit series



Real-time PCR Run : 45 mins  
Compatible with various platform

## Compatibility - Flexible Open System

	Kogene	Thermo Fisher Scientific	BioRad	Roche	Agilent	Qiagen	Analytik jena	
	PowerAmp96™	ABI 7500	CFX96	Light Cycler 480	Light Cycler 96	Mx3005P	Rotor-gene Q	qTOWER
Halal Test Kit series	●	●	●	●	●	●	●	

PowerAmp96™ is a trademark of KogeneBiotech Co., Ltd. ABI Prism™ 7500 series are registered trademarks of Thermo Fisher Scientific. CFX96™ is a registered trademark of Bio-Rad Laboratories, Inc. Qiagen™ is a registered trademark of Qiagen, Inc. ROCHE™ is a trademark of Hoffman-La Roche Inc. Rotor-Gene™ is a registered trademark of Corbett Research Pty Ltd. Agilent and Mx3005PTM are a trademark of Agilent Technologies. qTower is a trademark of Analytik jena.

