

PowerChek™ Animal Specie ID Real-time PCR Kit series

# Animal Species ID by Multiplex Real-time PCR



For Food & Feed Safety Testing

- Porcine
- Duck
- Bovine
- Sheep
- Horse
- Goat
- Chicken
- Turkey

# Authentication of Animal-Derived Ingredients

To assure a high level of food and feed safety, accurate animal species identification and the detection of adulterants are two of the greatest challenges facing food and feed products companies today. Therefore, the need for scientifically valid species identity methods is increasingly important and a strict regulatory mandate. Animal species ID testing method using DNA offers reliable alternative methods that can provide increased precision in differentiating closely related species, as well as identifying intentional and accidental adulterants and contaminants.

PowerChek™ Animal Species ID Kit series are designed for use by feedlots, dairies, marketers of feed products, as well as regulators and auditors of final feed quality and safety. It is intended to be used to verify that ruminant feed and feed supplements are properly labeled and do not contain ruminant materials.



## PowerChek™ Animal Species ID Kit series

- Simple and easy to use
- High sensitivity & specificity
- Time-to Result : 1.5~2.5 hrs
- Compatible with major Real-time PCR instruments
- Internal Control included
- Total solution kit including all reagents

## Ordering Information

Cat No.	Product	Fluorophore	Size
<b>NEW!!!</b> R0440E	PowerChek™ Animal ID Multiplex Real-time PCR Kit (Bovine, Sheep, Goat)	FAM / VIC / ROX / Cy5	50
<b>NEW!!!</b> R0430E	PowerChek™ Pork Gelatin Real-time PCR Kit	FAM / JOE (HEX or VIC)	50
R0401E	PowerChek™ Chicken species Real-time PCR Kit	FAM / VIC (HEX)	50
R0402E	PowerChek™ Sheep species Real-time PCR Kit	FAM / VIC (HEX)	50
R0403E	PowerChek™ Bovine species Real-time PCR Kit	FAM / VIC (HEX)	50
R0404E	PowerChek™ Porcine species Real-time PCR Kit	FAM / VIC (HEX)	50
R0406E	PowerChek™ Horse species Real-time PCR Kit	FAM / VIC (HEX)	50
R0407E	PowerChek™ Goat species Real-time PCR Kit	FAM / VIC (HEX)	50
R0420E	PowerChek™ Duck species Real-time PCR Kit	FAM / VIC (HEX)	50
R0421E	PowerChek™ Turkey species Real-time PCR Kit	FAM / VIC (HEX)	50

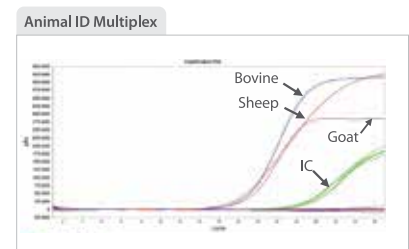
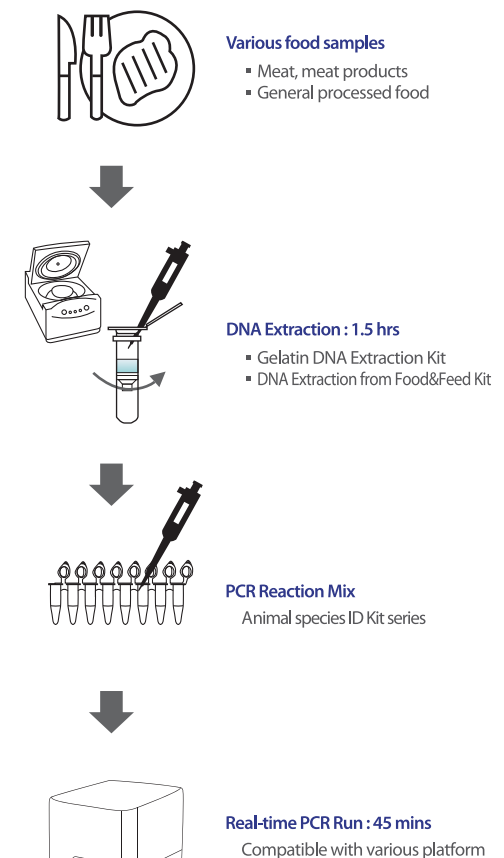
  

Cat No.	Nucleic Acid Extraction	Applications	Size
<b>NEW!!!</b> E0103	PowerPrep™ Gelatin DNA Extraction Kit	<ul style="list-style-type: none"> <li>▪ Gelatin, gelatin processed food</li> <li>▪ Marshmallow, hard and soft capsules</li> <li>▪ Various samples including gelatin</li> </ul>	50
E0002	PowerPrep™ DNA Extraction from Food&Feed Kit	<ul style="list-style-type: none"> <li>▪ Meat, meat processed food</li> <li>▪ General processed food</li> </ul>	100

## Compatibility - Flexible Open System

	Thermo Fisher Scientific		BioRad		Roche		Agilent	Qiagen	Analytik jena
	ABI® 7500	StepOne™	CFX96	icycler IQ5	Light Cycler® 480	Light Cycler® 96	Mx3005P	Rotor-Gene Q	qTOWER
Animal ID Multiplex			●	●	●	●	●	●	●
Pork Gelatin	●	●	●	●	●	●	●	●	●
Porcine	●	●	●	●	●	●	●	●	●
Chicken	●	●	●	●	●	●	●	●	●
Sheep	●	●	●	●	●	●	●	●	●
Bovine	●	●	●	●	●	●	●	●	●
Horse	●	●	●	●	●	●	●	●	●
Goat	●	●	●	●	●	●	●	●	●
Duck	●	●	●	●	●	●	●	●	●
Turkey	●	●	●	●	●	●	●	●	●

## Work Flow



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