

Introducing Agilent's New QPCR Detection Method **AGILENT PORCINE DETECTION KIT** **PN 5500-0094**



The Agilent Porcine Detection Kit offers a QPCR detection method for the presence of porcine DNA within food and other samples such as gelatin capsules. This detection kit has two components: 1 DNA Isolation Kit and 1 QPCR kit

- Multiplex detection of Porcine specific DNA & Alien DNA control
- DNA Isolation Kit with Spin Cup Protocol
- Porcine Detection QPCR Assay, optimized for maximum performance on Agilent Mx3005P QPCR system
- No interference from Alien Assay

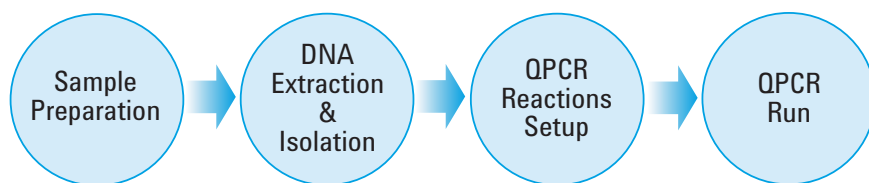
Product Ordering Info

Product Name	Kit Content	Catalog Number
DNA Isolation Kit, 50 preparations		5500-0051
Nucleic Acid Binding Buffer	25 ml	
High Salt Wash Buffer	24 ml	
Elution buffer (10 mM Tris-HCl, pH 7.5)	12 ml	
DNA-Binding Spin Cups and 2-ml Receptacle Tubes	50 each	
1.5-ml Collection Tubes	50 each	
Proteinase K	2 x 0.5 ml	
Proteinase K Digestion Buffer	2 x 5 ml	
Agilent Porcine Detection QPCR Kit, 400 Rxn		5190-3741
Porcine Detection QPCR Master Mix (2x)	2 x 2.5 ml	
Porcine DNA Control (1000x)	50 µl	
Porcine Detection Assay Mix	1 ml	



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Workflow



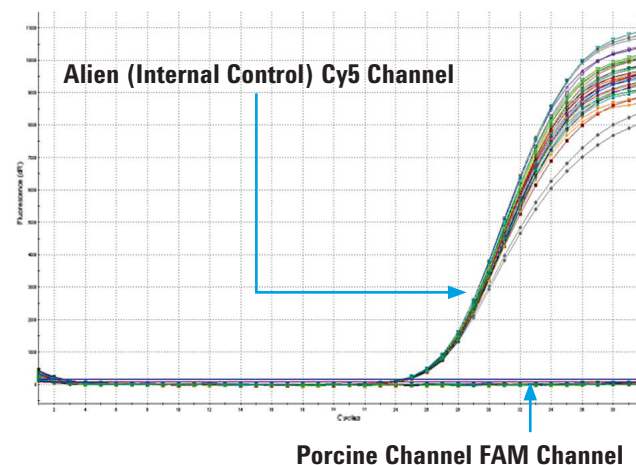
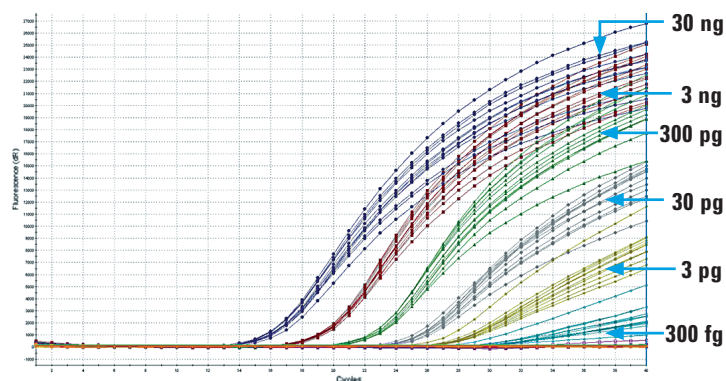
Limit of Detection

High sensitivity for the presence of porcine within food and other pharmaceutical samples such as gelatin capsules down to 300fg of porcine DNA.

Specificity

10ng of non-porcine DNA sources was extracted and no amplification in the porcine target channel (FAM), exemplifying the high specificity of the assay.

Non-porcine DNA sample	Porcine Channel (FAM)
Human	Not Detected
Chicken	Not Detected
Turkey	Not Detected
Cat	Not Detected
Rabbit	Not Detected
Trout	Not Detected
Cod	Not Detected
Salmon	Not Detected
Dover	Not Detected
Brown Seaweed	Not Detected
Green Seaweed	Not Detected
Sea grass	Not Detected
Corn	Not Detected
Potato	Not Detected
Rice	Not Detected



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