



# VetMAX NA and EU PRRSV Reagents

Part of a fully integrated, single-vendor workflow that includes Applied Biosystems real-time PCR and MagMAX sample preparation systems

## Benefits

### PCR advantage

Porcine reproductive and respiratory syndrome virus (PRRSV) infection is endemic in pigs. The syndrome may cause significant losses in the swine industry through reproductive disorders, respiratory conditions, and growth retardation. PRRSV can be detected in blood and semen 24–48 hours after infection. Real-time PCR is the most sensitive method for monitoring RNA amplification.

Applied Biosystems™ VetMAX™ NA and EU PRRSV Reagents are used for the amplification of North American and European PRRSV nucleic acids.

### Confidence in results

- Used in other animal health laboratories as part of their in-house validated assays
- Manufactured under ISO QMS conditions, providing confidence in the supply and quality of products
- Based on over 20 years of experience in the DNA/RNA arena, with extensive bioinformatics capabilities

### Flexibility and cost efficiency

- Standardized results to help reduce variability
- Rapid and cost-effective method for amplification of target sequences

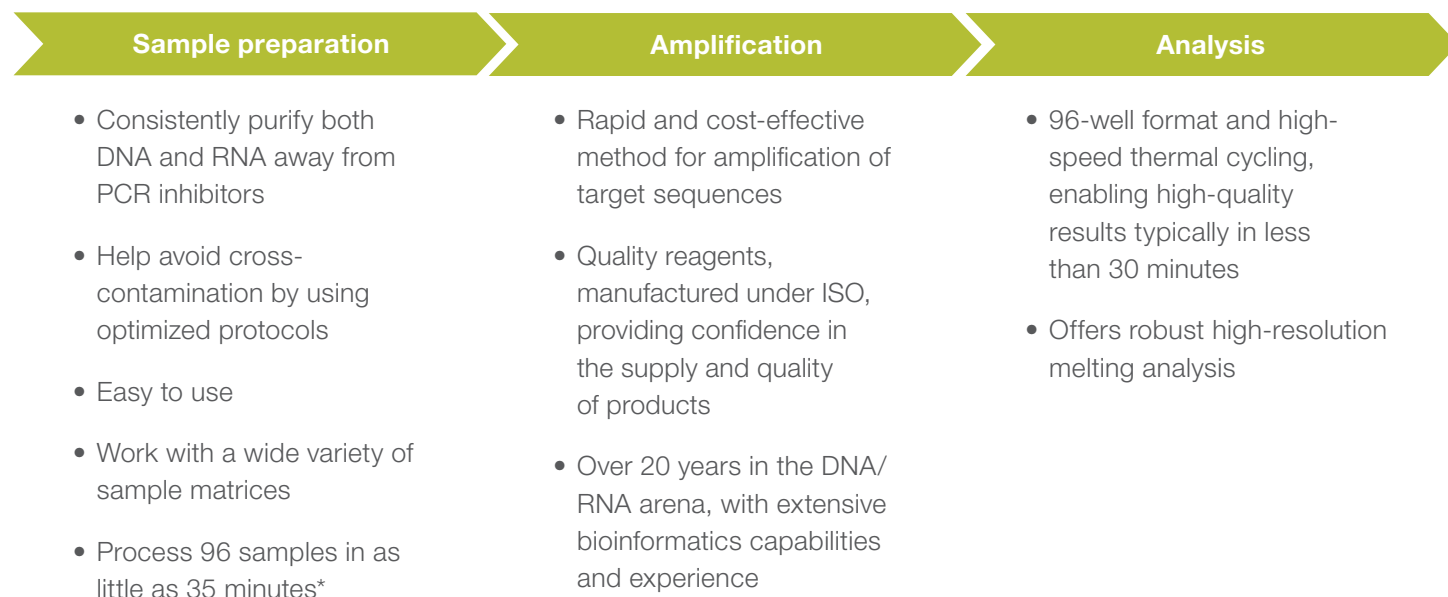
## Convenience

- Included Applied Biosystems™ Xeno™ RNA internal positive control enables monitoring of nucleic acid isolation efficacy as well as PCR inhibition
- Part of a fully integrated, single-vendor workflow

## PRRSV

PRRSV is a highly contagious disease found in swine that causes respiratory and influenza-like symptoms as well as fertility problems, abortion, and the birth of runts. The virus has immunosuppressive activity and kills macrophages in the the lungs, where it replicates, which may contribute to compromising pulmonary resistance to other infectious viruses and bacteria. Viral particles are present in all bodily secretions, including nasal secretions, feces, semen, and aborted fetal tissue and placenta. PRRSV is one of the most economically damaging diseases for the swine industry. Reduced rates of reproduction and weight gain of infected animals can lead to substantial economic damage for farming operations.

## A total workflow solution



\* Time to obtain results may vary depending on the circumstances of each user.

## Ordering information

Product	Type	Quantity	Cat. No.
VetMAX NA and EU PRRSV Reagents	Real-time RT-PCR	100 reactions	4468465
VetMAX NA and EU PRRSV and Xeno RNA Controls	Real-time RT-PCR	Varies	4405548
<b>Workflow products</b>			
MagMAX-96 Viral RNA Isolation Kit	Sample prep	96 reactions	AM1836
MagMAX-96 Viral RNA Isolation Kit	Sample prep	480 reactions	AMB1836-5
KingFisher Flex Magnetic Particle Processor with 96 Deep-Well Head	Sample prep	1 instrument	5400630
Applied Biosystems 7500 Fast Real-Time PCR System with Dell Notebook	Analysis	1 instrument	4365464
<b>Related products</b>			
VetMAX-Gold SIV Detection Kit	Real-time RT-PCR	100 reactions	4415200
VetMAX-Gold SIV Subtyping Kit	Real-time RT-PCR	100 reactions	4485541
VetMAX PEDV/TGEV/SDCoV Kit*	Real-time RT-PCR	100 reactions	A33402

\* For testing of food and environmental samples only.

Find out more at [thermofisher.com/animalhealth](http://thermofisher.com/animalhealth)

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