



# NOBLE MANES CLINIC

SERVICES FOR BREEDERS BY BREEDERS  
Animal Clinic, Diagnostic Laboratory Testing, Breeder Support & Supplies



## Streptococcus Abortion RealPCR Panel

### IDEXX TEST CODE

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IDEXX 3577

### TEST RESTRICTIONS

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This test may only be ordered by breeders for intact queens, as its results are not applicable to pet parents of spayed females.

### IDEXX TEST TYPE

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RealPCR

### REQUIRED SUPPLIES

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Collection Pack: Universal

### TURNAROUND TIME

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1-4 days

### TESTS INCLUDED

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Streptococcus Abortion RealPCR™ Panel

### SPECIMEN REQUIREMENTS: 3577

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Vaginal swab (with visible organic material on swab; please rub firmly) in WTT (White Top Tube) and fresh placental tissue (if available) in a sterile container, RTFC (Red Top Fecal Container) preferred; keep refrigerated.

### STORAGE AND STABILITY

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Vaginal Swab up to 72 hours at 36° to 46° F (2° to 8° C), keep refrigerated. Fresh tissue up to 24 hours at 36° to 46° F (2° to 8° C), keep refrigerated.

### TEST COMPONENTS: REFERRED

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- Streptococcus Canis
- S. Dysgalactiae Equisimilis
- S. Equi Zooepidemicus

### INTERPRETATION: NEGATIVE

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Result indicates that beta hemolytic Streptococci DNA was not detected in the sample submitted. However, a negative PCR result may be caused by the numbers of organisms being below the limit of detection,

decreased numbers of organisms following treatment or chronic carrier state, or the occurrence of a new strain variation.

*INTERPRETATION: POSITIVE*

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Result indicates that DNA from this beta hemolytic Streptococci was detected in the sample submitted. In a patient with clinical signs and histopathology findings, this supports infection. Certain chronic infections may not be the primary cause for the reproductive problems and additional causes should be assessed separately.

*NOTES*

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It is preferred to have fresh placental tissue for testing, but the panel can be run solely on the vaginal swabs with the understanding that the levels of infection may not be as pronounced as inside the placenta.

*INTERFERENCE*

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[PCR] poor sample quality / aged sample / recent vaccination with modified live vaccines / recent antimicrobial or antiviral therapy.