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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3484-2013

Quarantine protocol for ovine pulmonary adenocarcinoma

绵羊肺腺瘤病检疫技术规范

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. Heilongjiang People's Republic of China Exit Inspection and Quarantine.

1 Scope

This standard specifies the clinical diagnosis and PCR assay method sheep pulmonary neoplasia.

This standard applies to sheep pulmonary adenomatosis quarantine.

2 Normative references

The following documents for the application of this document is essential, dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

SN/T 1193 genetic testing laboratory technical requirements SN/T 2123 Entry and Exit Animal Quarantine experimental sample collection, transport and storage specifications

3 Abbreviations

The following abbreviations apply to this document.

Fluorescent signal cycle number reaches a set threshold when experienced. Ct values EDTA. sodium edetate (ehylenediamineteraaceticacid) JSRV. sheep pulmonary adenoma

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virus OPA. sheep pulmonary adenomatosis PCR. polymerase chain reaction
Real-TimePCR. real-time PCR Taq. TaqDNA polymerase (TaqDNApolymerase)

4.1 Clinical symptoms

The main symptom is a progressive respiratory disorders, especially after exercise, breathing difficulty is obvious. Reaction severity of symptoms of lung tumor development degree. OPA respiratory effusion is the most typical symptoms, it is easy to check by auscultation to crackles. Bing Yang lift the hind legs, looking down, nose Hole out of a lot of foamy mucus, this is a typical "small carts test (wheel-barrowtest)", the characteristics of a typical diagnostic significance Righteousness. The early course of the disease, cough and anorexia are not common, but once obvious clinical symptoms, body weight showed a progressive decline. Course of several weeks or months After, often due to bacterial pneumonia associated with death, especially hemolytic mansoni bacilli (formerly known as Pasteurella). The outer part of the clinical sick animals Zhou lymphopenia (mainly CD4 and T lymphocytes and reduce neutrophils) phenomenon, which may help Pro Clinical diagnosis.

4.2.1 Necropsy

Most cases of OPA lesions confined to the lungs, but can also occur in the chest, outside, transfer to lymph nodes and other tissues. Typical disease

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