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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3583-2013

Quarantine protocol for white tail disease

白尾病检疫技术规范

(English Translation)

Issued on: August 30, 2013 **Implemented on: March 1, 2014**

Issued by: General Administration of Customs

Preview: page 1 of 3 shown, 11 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword

1 Scope

2 Normative references

3 Abbreviations

4 Device

Foreword

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

This standard adopts the International Organization for Animal Health (OIE) "aquatic animal disease diagnostic manual" (2009 edition) 2.2.6 Chapter WhiteTail Disease.

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

This standard was drafted. People's Republic of China Shandong Exit Inspection and Quarantine, Chinese Academy of Inspection and Quarantine, the People's Republic of China Fujian Exit Inspection and Quarantine and the State.

1 Scope

This standard specifies the clinical diagnosis of white tail disease, reverse transcription - polymerase chain reaction (RT-PCR) method, nested reverse transcription - polymerase Chain Reaction (nRT-PCR) and in situ hybridization methods.

This standard applies to white tail disease epidemiological investigation, monitoring, diagnosis and quarantine.

2 Normative references

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

GB/T 18088 Entry and Exit Animal Quarantine sampling

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3 Abbreviations

The following abbreviations apply to this document.

WTD. white tail disease (whitetaildisease) WMD. Whitish muscle disease (whitemuscledisease) MrNV. Macrobrachium wild Tamura virus (Macrobrachiumrosenbergiinodavirus) XSV. Ultra-small virus (extrasmalvirus) RT-PCR. reverse transcription - polymerase chain reaction (reverse-transcription-polymerasechainreaction) nRT-PCR. nested RT-PCR (NestedRT-PCR) OD. optical density (opticaldensity) EDTA. ethylenediaminetetraacetic acid (ethylenediaminetetra-aceticacid) DEPC. diethyl pyrocarbonate (diethylpyrocarbonate) ISH. in situ hybridization (In-situhybridisation) TEA. Triethanolamine (triethanolamine) SSC. standard citrate (standardsalinecitrate) NBT. nitroblue tetrazolium (NitrotetrazoliumBluechloride) BCIP. 5- bromo-4-chloro-3-indolyl - phosphate (5-Bromo-4-Chloro-3-IndolylPhosphate)

4 Device

4.1
PCR instrument.

4.2
electrophoresis.

4.3
gel imager.

4.4
slicer.

4.5
oven.

4.6
constant temperature and humidity incubator.

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