Chinastandards.org

ICS 11.020
CCS C62

SN

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3742-2013

Detection method for West Nile Virus at frontier ports. Real-time fluorescence RT-PCR

国境口岸西尼罗病毒检测方法 实时荧光RT-PCR法

(English Translation)

Issued on: November 6, 2013 **Implemented on: June 1, 2014**

Issued by: General Administration of Customs

Preview: page 1 of 3 shown, 6 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3742-2013

Chinastandards.org

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and Definitions

4 Detects objects

5 Laboratory bio-safety requirements

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. Chinese Academy of Inspection and Quarantine, Shenzhen People's Republic of China Exit Inspection and Quarantine, the People's Republic of China Exit Inspection and Quarantine and the State Tengchong.

1 Scope

This standard specifies the border port or suspected cases of West Nile virus infection in mosquitoes carrying West Nile virus nucleic acid fluorescence in real-time RT-PCR.

Methods, including specimen collection, storage and transport, sample processing, detection, and determines and reports.

This standard applies to the border port or suspected cases of West Nile virus infection in mosquitoes carrying the West Nile virus in laboratory testing.

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 19489 General requirements for laboratory biosafety WS233 Microbiological and Biomedical Laboratories Biosafety Common Criteria it can infect humans highly pathogenic microorganisms (viruses) or sample transport regulations (People's Republic of China Ministry of Health Decree no. 45)

Preview: page 2 of 3 shown, 6 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3742-2013

3 Terms and Definitions

The following terms and definitions apply to this document.

West Nile virus WestNileVirus Typical special belonging to the Flaviviridae family (Flaviviridae) Flavivirus (Flavivirus) single-strand RNA virus, with members of the flavivirus Zheng, virus particles are spherical diameter of about 40nm ~ 60nm, and 25nm nucleocapsid wrapped about the outsourcing of lipid bilayer membranes. WNV is full Ball is widely popular as a virus, the mosquito is the most important media, birds are the reservoir host of the virus, WNV infection is also the main transmission Dye source, the virus can multiply in the body of the bird and the formation of high amounts of poison viremia, the main cause of West Nile fever in humans and mammals and Sydney Luo encephalitis.

4 Detects objects

Border crossings or suspected cases of West Nile virus infection intercepted mosquitoes.

5 Laboratory bio-safety requirements

5.1

CHECK personal protective comply with GB 19489.

5.2

Biosecurity should comply with GB 19489 and WS233 for biosafety level 2 (BSL-2) is required for biosafety laboratories.

5.3

Used Lab Supplies shall comply with GB 19489 requirements for the processing of waste treatment and disposal.

Preview: page 3 of 3 shown, 6 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3742-2013