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INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

SN/T 3311-2012

Detection method for influenza A 2009(H1N1)virus by real-time PCR at frontier port

国境口岸甲型H1N1(2009)流感病毒的荧光定量PCR检测方法

(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. Chinese Academy of Inspection and Quarantine.

1 Scope

This standard specifies the fever or upper respiratory tract infections and other symptoms of infection suspected person has a frontier port discovered influenza H1N1 (2009) Biosecurity requirements influenza virus detection, sample collection, transport and storage, sample preparation, nucleic acid extraction and rapid detection methods.

This standard applies to border crossings suspected of being infected person carries influenza A H1N1 (2009) influenza virus detection.

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 WS233-2002 Microbiological and Biomedical Laboratories Biosafety Common Criteria can infect humans highly pathogenic microorganisms (viruses) or sample transport regulations (People's Republic of China Ministry of Health Order no. 45)

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3 Terms and Definitions

The following terms and definitions apply to this document.

Influenza A H1N1 (2009) influenza virus influenzaA2009 (H1N1) virus One kind in April 2009 to give the new virus from Mexico and the United States isolated the patient, the virus belongs to the Orthomyxoviridae (Ortho-myxoviridae) influenza virus type A influenza virus. From genes, the genetic component of the virus from North American swine flu virus, North American avian influenza viruses, human influenza virus subtype H1N1 is common in Asia and Europe, the swine flu virus. For a named argument States Varying the initial outbreak of the virus, commonly known as swine flu, there is another swine flu, human swine (type) influenza, Mexican flu, North American influenza, Novel H1N1 flu, swine flu and 2009 H1N1 flu. April 30, 2009 World Health Organization renamed this virus Influenza A H1N1 influenza virus. This standard the virus called influenza A H1N1 (2009) influenza virus.

4 Detects objects

Staff with fever or symptoms of upper respiratory tract infections suspected of being infected frontier port discovery.

5 Laboratory bio-safety requirements

5.1
CHECK personal protective reference GB 19489.

5.2
The laboratory shall follow GB 19489 and WS233-2002 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.

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