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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3888-2014

Rapid detection of Yersinia pestis from entry-exit animal skins

入出境动物皮张携带鼠疫耶尔森氏菌快速检测方法

(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. Inner Mongolia People's Republic of China Exit Inspection and Quarantine, People's Republic of China Zhuhai Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the entry and exit animal hides carry Yersinia pestis samples sampling, preservation and inverse indirect hemagglutination test and polymerase chain reaction Rapid detection method should be tested.

This standard applies to the entry and exit marmots, foxes, wolves, lynx, muskrat, squirrel and other animals may be infected with plague bacillus hides and parasites Pathogen 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 WS279 plague diagnostic criteria State Council Order No. 424 pathogenic microbiology laboratory bio-safety regulations

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3 Terms and Definitions

The following terms and definitions apply to this document.

Animal hides animalskins may carry plague bacillus marmot skin, fox, weasel, lynx skin, muskrat skin, chinchilla and so on.

4.1 Guidelines

Test specimens should be processed and stored in a BSL-2 level and above the lab. BSL-2 level and above to meet the requirements of the laboratory GB 19489 and "pathogenic microbiology laboratory bio-safety regulations" in the same level of requirements of the laboratory, and in accordance with the above two documents to Demand for personal protection. The detection methods reference WS279.

4.2 Personal Protection

Secondary containment laboratory use standard.

4.3 Experimental equipment

Biological safety cabinet, DNA amplification, gel imaging analysis system, electrophoresis, autoclaves, electronic scales, water bath, incubator, V-well plates, pipettes, stainless steel scissors, a hole punch.

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