Chinastandards.org

SN

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3329-2012

Protocol of species identification for Equus przewalsrii. PCR method

中国普氏野马的物种鉴定方法 PCR方法

(English Translation)

Issued on: December 12, 2012 **Implemented on: July 1, 2013**

Issued by: General Administration of Customs

Preview: page 1 of 4 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3329-2012

Chinastandards.org

Table of Contents

Foreword

1 Scope

2 Normative references

3 PRINCIPLE OF THE METHOD

4 Equipment

5 Reagents and materials

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. People's Republic of China Shandong Entry-Exit-Entry Inspection and Xinjiang People's Republic of China Quarantine Bureau.

1 Scope

This standard specifies the China Platts Mustang species identification by PCR method.

This standard applies to species identification China Platts Mustang.

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.

Laboratory use specifications and test methods GB/T 6682 Analysis GB 19489 General requirements for laboratory biosafety

3 PRINCIPLE OF THE METHOD

According E.przewalskii mitochondrial DNA control region (D-Loop region) was designed and synthesized a pair of specific primers of the target gene E.przewalskii PCR amplification was performed to determine whether the sample contains a gene E.przewalskii. E.przewalskii morphology see Appendix A.

Preview: page 2 of 4 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3329-2012

4 Equipment

4.1
PCR instrument.

4.2
high-speed desktop centrifuge.

4.3
desktop centrifuge.

4.4
Mixer.

4.5
refrigerator.

4.6
micro-adjustable pipette (10μL, 100μL, 1000μL) and supporting tip.

4.7
centrifuge tube.

5 Reagents and materials

5.1
ethanol.

5.2
distilled water (should be consistent with GB/T 6682 in a water specifications).

5.3
proteinase K.

5.4
sodium dodecyl sulfate (SDS).

5.5
cetyltrimethylammonium bromide (CTAB).

5.6
sodium chloride.

Preview: page 3 of 4 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3329-2012

Chinastandards.org

5.7
chloroform.

5.8
isoamyl alcohol.

Preview: page 4 of 4 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3329-2012