

ICS 11.220
CCS B 41

SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 2436-2010

Protocol of quarantine for Brucella in sheep and goat

山羊和绵羊布鲁氏菌病检疫规程

(English Translation)

Issued on: January 10, 2010

Implemented on: July 16, 2010

Issued by: General Administration of Customs

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Overview
- 4 Clinical symptoms and pathological changes
- 5.1 Blood collection and separation
- 5.2 Transport and storage
- 6 Laboratory tests
- 6.1 Goats and sheep cattle, sheep species brucellosis

Foreword

The standard reference OIE "Terrestrial animal diagnostic tests and vaccines Handbook" (2008 edition) 2.7.2 Chapter "goats and sheep brucellosis" and Chapter 2.7.9 "Sheep brucellosis disease" Prepared.

The Standard Appendix F, Appendix G are normative appendices, Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix H, Appendix I, attached Information Appendix J is recorded.

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

This standard was drafted. Tianjin People's Republic of China Entry-Exit Inspection and Quarantine Inner Mongolia People's Republic of China Bureau, People's Republic of China Shandong CIQ.

1 Scope

This standard specifies the goats and sheep brucellosis rose bengal plate agglutination test tube agglutination test, complement fixation test, enzyme-linked for Free Immunosorbent test, agar diffusion test and other technical requirements.

This standard applies to goats and sheep cattle, sheep species, of sheep brucellosis quarantine.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 6682 analysis laboratory specifications and test methods GB 16548 diseases and diseases of animals and animal products processing biosafety regulations

3 Overview

See Appendix A.

4 Clinical symptoms and pathological changes

See Appendix B.

5 is tested serum samples collected

5.1 Blood collection and separation

By conventional methods and separating blood serum. Serum should be fresh, no protein coagulation, no hemolysis and no smell of corruption.

5.2 Transport and storage

Serum to prevent freezing and heat, if not sent to the laboratory within 3d, serum required refrigerated transport method. Serum should be put to 4 °C refrigerator Save spare.

6.1.1.1 Reagents and materials

6.1.1.1.1

Antigen. use according to the instructions, use the front room temperature (22 °C ~ 25 °C) 30min ~ 60min, and shake well.

6.1.1.1.2

Positive control serum. lyophilized before using the instructions dissolved in distilled water to a predetermined volume.

6.1.1.1.3

Negative control serum. lyophilized before using the instructions dissolved in distilled water to a predetermined volume.

6.1.1.1.4

glass. about 45cm x 30cm, requires clean, partitioned into 32 squares, the number of horizontal grid 8, wales four cells, each cell 4cm x 4cm, each cell under 1cm wide and then draw a small grid, used to fill the number serum.

6.1.1.1.5

toothpick. flat round or similar small stick.

6.1.1.1.6

pipettes. lessons volume 25 μ L, 75 μ L.

6.1.1.2 Test Procedure

6.1.1.2.1

before the test serum should be set at room temperature (22 °C ~ 25 °C) 30min ~ 60min.