

ICS 65.020.30

CCS B 43



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

GB/T 27534.6-2025

Replacing GB/T 27534.6-2011

**Technical specification for animal genetic resource survey -
Part 6: Horse and donkey**

畜禽遗传资源调查技术规范 第6部分：马、驴

Issued on: April 25, 2025

Implemented on: November 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

GB/T 27534 "Technical Specifications for Investigation of Livestock and Poultry Genetic Resources" and GB/T 45550 "Technical Specifications for Investigation of Bee Genetic Resources", GB/T 45552 "Technical Specifications for Investigation of Silkworm Genetic Resources" and GB/T 45553 "Technical Specifications for Investigation of Tussah Genetic Resources" jointly form the support The basis for the investigation of genetic resources of livestock, poultry, bees and silkworms.

This document is part 6 of GB/T 27534 "Technical Specifications for Livestock and Poultry Genetic Resources Survey". GB/T 27534 has issued the following part.

- Part 1: General;
- Part 2: Pigs;
- Part 3: Cattle;
- Part 4: Sheep;
- Part 5: Goats;

- Part 6: Horses and donkeys;
- Part 7: Camels and alpacas;
- Part 8: Rabbit;
- Part 9: Poultry;
- Part 10. Deer;
- Part 11. Mink, fox and raccoon dog.

This document replaces GB/T 27534.6-2011 "Technical Specifications for Livestock and Poultry Genetic Resources Survey Part 6: Horse (Donkey)" and Compared with GB/T 27534.6-2011, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The body size and weight measurement indicators have been changed (see 6.3.1, 4.3.1 of the 2011 edition);
- b) Added growth and development performance, milk production performance and exercise performance survey content (see 6.3.2, 6.3.4 and 6.3.6);
- c) The slaughter performance test indicators have been changed (see 6.3.3, 4.3.2 of the 2011 edition);
- d) The reproductive performance test indicators have been changed (see 6.3.5, 4.3.3 of the 2011 edition);
- e) Deleted genetic resource survey (see 4.4 of the 2011 edition);
- f) Added survey methods (see Chapter 7);
- g) The sample size required for each survey content indicator has been changed (see 7.2.1, 7.3.1, 7.4.1, 7.5.1, 7.6.1 and 7.7.1, 4.2.1 of the 2011 edition).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Animal Husbandry Standardization (SAC/TC274).

This document was drafted by: National Animal Husbandry Station, Inner Mongolia Agricultural University, Liaocheng University, Qingdao Agricultural University, Xinjiang Academy of Animal Husbandry Research Institute, Shandong Provincial Animal Husbandry Station, Yunnan Provincial Animal Husbandry Station, Xinjiang Uygur Autonomous Region Animal Husbandry Station.

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The previous versions of this document and the documents it replaces are as follows.

- First published in 2011 as GB/T 27534.6-2011.
- This is the first revision.

Introduction

Livestock and poultry genetic resources are important strategic resources for maintaining national ecological security and agricultural security, and are the material basis for the high-quality development of animal husbandry.

Conducting livestock and poultry genetic resource surveys is a statutory duty stipulated in the Animal Husbandry Law of the People's Republic of China and is an important task in approving and identifying new livestock and poultry breeds.

new genetic resources, the formulation of livestock and poultry genetic resource protection and utilization plans and livestock and poultry genetic resource protection lists, and the basis for engaging in breeding livestock and poultry production and management, etc. Sex work.

GB/T 27534 "Technical Specifications for Livestock and Poultry Genetic Resources Survey" aims to standardize and guide the investigation of livestock and poultry genetic resources. Divided into components.

- Part 1: General Principles. The purpose is to provide general survey rules for livestock and poultry genetic resources surveys.
- Part 2: Pig. The purpose is to standardize the survey content and methods of pig genetic resources.
- Part 3: Cattle. The purpose is to standardize the survey content and methods of cattle genetic resources.
- Part 4: Sheep. The purpose is to standardize the survey content and methods of sheep genetic resources.
- Part 5: Goats. The purpose is to standardize the survey content and methods of goat genetic resources.
- Part 6: Horses and donkeys. The purpose is to standardize the survey content and methods of horse and donkey genetic resources.
- Part 7: Camels and alpacas. The purpose is to standardize the survey content and methods of camel and alpaca genetic resources.

- Part 8: Rabbit. The purpose is to standardize the survey content and methods of rabbit genetic resources.
- Part 9: Poultry. The purpose is to standardize the survey content and methods of poultry genetic resources.
- Part 10: Deer. The purpose is to standardize the survey content and methods of deer genetic resources.
- Part 11: Mink, fox and raccoon dog. The purpose is to standardize the survey content and methods of mink, fox and raccoon dog genetic resources.

Technical Specifications for Livestock and Poultry Genetic Resources Survey Part 6:
Horses and donkeys

1 Scope

This document specifies the objects, methods, contents, and record and archive management requirements of horse and donkey genetic resources surveys, and describes the survey methods.

This document applies to the investigation of horse and donkey genetic resources.

2 Normative references

GB/T 27534.1

NY/T 3796

3 Terms and definitions

There are no terms or definitions that require definition in this document.

4 Survey subjects

This shall be carried out in accordance with the provisions of GB/T 27534.1.

5 Survey Methods

This shall be carried out in accordance with the provisions of GB/T 27534.1.

6.1 Overview of Genetic Resources

This shall be carried out in accordance with the provisions of GB/T 27534.1.

6.2 Body shape and appearance

It should include coat color, characteristics, physique, temperament, head, neck, torso and