

ICS 65.020.30

CCS B41



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

GB/T 15805.2-2017

Replacing GB/T 15805.2-2008

Diagnosis of infectious haematopoietic necrosis

传染性造血器官坏死病诊断规程

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. Please note that some of this document may be patentable. The issuing agencies of this document do not bear the responsibility of identifying these patents. This standard replaces GB/T 15805.2-2008 "Fish Quarantine Method Part 2. Infectious hematopoietic necrosis virus (IHNV) ". This standard compared with GB/T 15805.2-2008, in addition to editorial changes, the main technical changes are as follows:

- Modify the standard name;
- Added abbreviations (see Chapter 3);
- Deleted PCR amplification IHNV786bp, Nested PCR amplification IHNV323bp method (see.2008 version 3.7);
- Increased method of amplification IHNV693bp (see 4.10);
- Increased enzyme-linked immunosorbent assay (see 8.3);
- Increased indirect immunofluorescent antibody test (see 8.4);
- Increased comprehensive judgment (see Chapter 9);
- Increased infectious hematopoietic necrosis (IHNV) (see Appendix C). This standard proposed by the People's Republic of China Ministry of Agriculture. This standard by the National Aquatic Standardization Technical Committee (SAC/TC156) centralized. This standard was drafted unit. Ningbo City, Zhejiang Province Institute of Marine and Fisheries, Shenzhen Inspection and Quarantine Science Institute, the National Aquatic Technology Push Terminus, Beijing Exit Inspection and Quarantine. The main drafters of this standard. Wang Jianping, Shen Weiliang, Gao Longying, Zhang Li Feng, Wu Xiongfei, Jiang Yulin, Chen Aiping, music. This standard replaces GB/T 15805.2-2008. This standard replaces the standards previously issued as.
- GB/T 15805.1-1995;
- GB/T 15805.2-2008. Infectious hematopoietic necrosis disease diagnostic procedures

1 Scope

GB/T 15805.2-2017 is the Chinese national standard on diagnosis of infectious haematopoietic necrosis, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 1 November 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2018.

Classification: ICS 65.020.30, CCS B41. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the infectious hematopoietic necrosis virus by cell isolation and culture by reverse transcriptase polymerase chain reaction, enzyme-linked immunosorbent Adsorption test and indirect immunofluorescent antibody test identification method. This standard applies to infectious hematopoietic necrosis epidemiological investigation, diagnosis, quarantine and epidemic monitoring.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 6682 analytical laboratory water specifications and test methods

GB/T 18088 exit quarantine animal samples Technical Specification Quarantine Sampling for Aquatic Animals Origin SC/T 7103

3 Abbreviations

The following abbreviations apply to this document. CPE. Cytopathic effect (cytopathiceffect) ELISA. Enzyme-linked immunosorbent assay (enzyme-linked immunosorbentassay) EPC. Lei epithelial tumor cell line (epitheliomapapulosityprinicelline) FCS. Fetal calf serum FHM. Fathead monkey muscle cell line (fatheadmonnowcelline) G protein. Glycoprotein HEPES 4- [2- (2-hydroxyethyl) piperazine-1-ethanesulfonic acid] IFAT. Indirect immunofluorescent antibody test (indirectimmunofluorescentantibodytest) IHN. Infectious hematopoietic necrosis (infectious haematopoieticnecrosis) IHN. Infectious hematopoietic necrosis virus (infectious haematopoietic necrosis virus) RT-PCR. Reverse transcription-polymerase chain reaction (reversetranscriptionpolymerasechainreaction) PBS. Phosphate Buffered Saline PBST.

Phosphate buffered saline solution (PhosphateBufferSalin-Tween) PCR. Polymerase Chain Reaction (Polymerase Chain Reaction) FITC. Fluorescein isothiocyanate

4 Reagents and materials

Unless otherwise specified, only analytical reagents are used.

4.1 Water GB/T 6682 in a water, nucleic acid extraction and RT-PCR RNase-free deionized water should be used.

4.2 IHNV Reference Strain Provided by the designated agency of the competent national authority.