

Commission Decision of 4 August 2006 approving a Diagnostic Manual for avian influenza as provided for in Council Directive 2005/94/EC (notified under document number C(2006) 3477) (Text with EEA relevance) (2006/437/EC)

- Article 1 The diagnostic manual, as provided for in Directive 2005/94/EC and...
- Article 2 Member States shall apply the diagnostic manual from the date...
- Article 3 This Decision is addressed to the Member States.  
Signature

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ANNEX  
DIAGNOSTIC MANUAL FOR AVIAN INFLUENZA

CHAPTER I

Introduction, objectives and definitions

1. In order to ensure uniform procedures for the diagnosis of...
2. This diagnostic manual is addressed to the authorities responsible for...
3. For the purpose of this diagnostic manual, in addition to...
4. The confirmation of AI in poultry and other captive birds...
5. The confirmation of infection of mammals with an influenza A...
6. The procedures, sampling methods and criteria for the evaluation of...

CHAPTER II

Description of AI with emphasis on differential diagnosis

1. Aetiology and virulence
2. Clinical signs in birds infected with HPAI virus
3. Post-mortem lesions in birds infected with HPAI virus
4. Differential diagnosis
5. Clinical signs in birds infected with LPAI viruses
6. Clinical signs in captive birds

**Changes to legislation:** There are outstanding changes not yet made to Commission Decision of 4 August 2006 approving a Diagnostic Manual for avian influenza as provided for in Council Directive 2005/94/EC (notified under document number C(2006) 3477) (Text with EEA relevance) (2006/437/EC). Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

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## CHAPTER III

### Guidelines to be considered in the case of suspicion of AI on a holding

Figure Schematic overview of diagnostic steps for confirmation of AI

## CHAPTER IV

### General procedures for the collection and transport of samples

1. Directive 2005/94/EC and the diagnostic manual
2. Procedures to be followed where outbreaks of AI are suspected...
3. Interpretation of virological testing
4. Standard set of samples for virological or serological laboratory testing...
5. Transport of samples
6. Antibiotic medium
7. Brain-heart-infusion medium
8. Procedures to be performed, as regards the relevant provisions of...
  - 8.A. Suspected outbreaks
    - 8.1. Article 7(1) — Measures to be applied on holdings where outbreaks...
    - 8.2. Article 10(3) — Additional measures based on the epidemiological inquiry
  - 8.B. Highly pathogenic avian influenza (HPAI)
    - 8.3. Article 11(4) — Measures to be applied in cases of poultry...
    - 8.4. Article 13(2)(b) — Derogations concerning certain holdings
    - 8.5. Article 15(1) and (3) — Measures to be applied in contact...
    - 8.6. Article 18, points (b) and (c) — Census and inspections by...
    - 8.7. Article 19, point (f) — Measures to be applied on holdings...
    - 8.8. Article 23, point (b) — Derogations for the direct transport of...
    - 8.9. Article 25, point (b) — Derogations for the direct transport of...
    - 8.10. Article 26(1)(a) — Derogation for the direct transport of hatching and...
    - 8.11. Article 29(1) — Duration of measures
    - 8.12. Article 30, point (g) — Measures to be applied in the...
    - 8.13. Article 35 — Investigation of suspected presence of HPAI in slaughterhouses...
    - 8.14. Article 36(1) — Measures to be applied in slaughterhouses
    - 8.15. Article 37(1) and (2) — Measures to be applied in border...
      - 8.15.1. When an official veterinarian examines poultry or other captive birds...
      - 8.15.2. When an official veterinarian inspects an identified holding of origin...
  - 8.C. Low pathogenic avian influenza (LPAI)
    - 8.16. Article 39(6)(b) and (h) — Measures to be applied on holdings...
    - 8.17. Article 40(2)(b) — Derogation for certain holdings from measures to be...
    - 8.18. Article 42(1) and (3) — Measures to be applied in contact...

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- 8.19. Article 44(1)(b) — Measures to be applied in the restricted zones...
- 8.20. Article 45, points (a) and (b) — Duration of measures
- 8.D. Measures aimed at avoiding the spread of influenza viruses of...
  - 8.21. Article 47(1) and (6) — Laboratory tests and other measures concerning...
- 8.E. Re-population
  - 8.22. Article 49(3)(b) and (c) — Re-population of holdings
- 8.F. Vaccination
  - 8.23. Article 56(2)(i) — Preventive vaccination in poultry or other captive birds...
  - 8.24. Annex IX — Requirements for movements of poultry or other captive...

## CHAPTER V

### Diagnostic virological tests and evaluation of results

1. Until the advent and development of molecular-based tests, virus isolation...
2. Sample processing
3. Virus isolation in embryonated fowls' eggs
4. Differential diagnosis

## CHAPTER VI

### Molecular tests and evaluation of results

## CHAPTER VII

### In vivo pathogenicity test and the evaluation of results

Notes:

## CHAPTER VIII

### Serological tests and evaluation of results

## CHAPTER IX

### Monitoring systems associated with vaccination

1. Directive 2005/94/EC and the diagnostic manual
2. Use of sentinels for monitoring infection
3. DIVA laboratory test for monitoring infection

## CHAPTER X

### Strategies in the diagnosis of AI

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## CHAPTER XI

### Diagnosis of infection with AI viruses in pigs and other mammals

1. AI in pigs
2. Samples for virus isolation
3. Inoculation and incubation of eggs
4. Test for specific antibodies in HI tests
5. Sampling of pigs
6. AI viruses in other mammals other than pigs

## CHAPTER XII

### Minimum safety requirements for the transport of samples

1. The transport of samples in which pathogens are known to...
2. Packing diagnostic specimens for transport
3. Primary packaging
4. Secondary packaging
5. Outer packaging

## CHAPTER XIII

### Dispatch of viruses and samples to the Community reference laboratory

1. The samples to be sent to the Community reference laboratory...
2. Dispatch of viruses or other materials to the Community reference...

## CHAPTER XIV

### Minimum safety requirements for an AI diagnostic laboratory

1. The safety requirements in diagnostic laboratories working with AI viruses...
2. Community directives on laboratories
3. In addition to the Community Directives, European Norms (EN) must...
4. Requirements for Laboratories (containment levels 1 to 4)
5. Containment relating to animal health
6. Containment relating to human health

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(1) [OJ L 10, 14.1.2006, p. 16.](#)

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**Changes and effects yet to be applied to :**

- Annex Ch. 13 substituted by [S.I. 2018/1410 reg. 10\(11\)](#)
- Annex Ch. 6 words substituted by [S.I. 2018/1410 reg. 10\(8\)](#)
- Annex Ch. 8 words substituted by [S.I. 2018/1410 reg. 10\(9\)](#)
- Art. 2 words substituted by [S.I. 2018/1410 reg. 10\(2\)](#)
- Art. 3 omitted by [S.I. 2018/1410 reg. 10\(4\)](#)

**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Annex Ch. 5 para. 4(c) omitted by [S.I. 2018/1410 reg. 10\(7\)\(b\)](#)
- Annex Ch. 5 para. 4(d) omitted by [S.I. 2018/1410 reg. 10\(7\)\(b\)](#)
- Annex Ch. 5 para. 4(b)(iii) substituted by [S.I. 2018/1410 reg. 10\(7\)\(a\)\(i\)](#)
- Annex Ch. 14 para. 1 word substituted by [S.I. 2018/1410 reg. 10\(12\)\(a\)](#)
- Annex Ch. 1 para. 6(b)(i) words omitted by [S.I. 2018/1410 reg. 10\(6\)\(b\)\(i\)](#)
- Annex Ch. 1 para. 6(b)(ii) words omitted by [S.I. 2018/1410 reg. 10\(6\)\(b\)\(ii\)\(aa\)](#)
- Annex Ch. 1 para. 6(b)(ii) words omitted by [S.I. 2018/1410 reg. 10\(6\)\(b\)\(ii\)\(bb\)](#)
- Annex Ch. 5 para. 4(b) words omitted by [S.I. 2018/1410 reg. 10\(7\)\(a\)\(ii\)](#)
- Annex Ch. 1 para. 1 words omitted by virtue of S.I. 2018/1410, reg. 10(6)(a) (as substituted) by [S.I. 2020/1388 reg. 25\(7\)\(b\)](#)
- Annex Ch. 1 para. 1 words substituted by [S.I. 2018/1410 reg. 10\(6\)\(a\)](#) (This amendment not applied to legislation.gov.uk. Reg. 10(6)(a) substituted immediately before IP completion day by virtue of S.I. 2020/1388, regs. 1(2)(a), 25(7)(b))
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410 reg. 10\(12\)\(b\)\(i\)](#)
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410 reg. 10\(12\)\(b\)\(ii\)](#)
- Annex Ch. 14 para. 5 words substituted by [S.I. 2018/1410 reg. 10\(12\)\(b\)\(iii\)\(iv\)](#) (This amendment not applied to legislation.gov.uk. Reg. 10(12)(b)(iii) substituted and (iv) omitted immediately before IP completion day by virtue of S.I. 2020/1388, regs. 1(2)(a), 25(7)(c)(i)(ii))
- Annex Ch. 14 para. 5 words substituted by S.I. 2018/1410, reg. 12(b)(iii) (as substituted) by [S.I. 2020/1388 reg. 25\(7\)\(c\)\(ii\)](#)
- Art. 2a inserted by [S.I. 2018/1410 reg. 10\(3\)](#)
- Art. 2a(a)(ii)(iii) Art. 2a(a)(iii)(iv) renumbered as Art. 2a(a)(ii)(iii) in earlier amending provision S.I. 2018/1410, reg. 10(3) by [S.I. 2020/1388 reg. 25\(7\)\(a\)\(i\)](#)
- Art. 2a(a)(ii) omitted in earlier amending provision S.I. 2018/1410, reg. 10(3) by [S.I. 2020/1388 reg. 25\(7\)\(a\)\(i\)](#)
- Art. 2a(b) words substituted in earlier amending provision S.I. 2018/1410, reg. 10(3) by [S.I. 2020/1388 reg. 25\(7\)\(a\)\(ii\)](#)