

# Avian coronavirus infraspecies Infectious bronchitis virus

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## GENERAL INFORMATION

### Avian coronavirus infraspecies Infectious bronchitis virus

Infectious bronchitis virus  
AIBV

**Document Number:** 830409

**Category:** Virus  
**Genus:** Alphacoronavirus (previously group 3)

**Risk group:** 1  
Biological agents that are unlikely to cause human disease.

**References:** Note t2:  
Owing to the pathogenicity for vertebrates, safety measures may be necessary under animal disease legislation which, analogous to the safety measures of protection level 2, minimise the escape of prokaryotes into the external environment or other working areas.

## OCCUPATIONAL SAFETY AND HEALTH

[Protective measures](#) | [Inactivation/Decontamination](#) | [Occupational health care](#)

### PROTECTIVE MEASURES

The following protective measures apply to specific activities in laboratories, the husbandry of laboratory animals and biotechnological activities. For further information see [TRBA 100](#), [TRBA 120](#), [TRBA 500](#).



### Technical measures

Where tasks intentionally involve biomaterials, their identity must be verified and documented routinely.

For biological agents of the risk group 1 the basic rules of good microbiological practice are to be followed in the intended laboratory operations. For biomaterials exhibiting sensitising or toxic properties, the risk assessment may indicate that additional precautions are necessary.

The doors of the protection level area must be equipped with an inspection window.

Wash basins, disposable towels and hand detergents must be available.

Surfaces (worktops, floors) must be easy to clean and resistant to the materials and detergents used.

Work areas are to be maintained in a clean and tidy state. Only tools and devices that are actually needed may remain on the benches.

Pipettors must be provided and used. Mouth pipetting is not permitted.

If the use of pointed or sharp instruments cannot be avoided, they must be disposed of in suitable containers after use.

Suitable containers must be available for the collection of waste that constitutes biological agents.

### **Organisational measures**

Injuries must be reported immediately to the person in charge.

### **Personal protection - body protection**

Lab coats are mandatory.

Used lab coats must be kept separate from normal clothing.

### **Personal protection - hand protection**

Use protective gloves as required.

The skin protection plan must be observed.

### **Occupational hygiene**

The consumption and storage of food and alcohol/tobacco in the protection level area is forbidden. The hands are to be thoroughly cleaned and treated according to the hand protection plan following completion of the activities or contamination processes.

Reference: [00001 99999](#)

## **INACTIVATION / DECONTAMINATION**

All solid and liquid wastes can be disposed of without pre-treatment if not otherwise stipulated by legal regulations (such as water, waste or genetic engineering legislation).

Reference: [00001](#)

## **OCCUPATIONAL HEALTH CARE according to [ArbMedVV](#)**

In the case of activities with the biological agent no health care is required. An indication on restrictions for immunosuppressed workers should be made.

## **LINKS**

### **World Organisation for Animal Health (OIE)**

[Information provided by the World Organisation for Animal Health](#)

### **Further Links:**

[CABI - Invasive Species Compendium, Datasheet to this pathogen](#)

## **REFERENCES**

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Quelle: 00001

Informationen aus den Technischen Regeln für Biologische Arbeitsstoffe, insbesondere aus:  
Information from the technical rules for biological substances, in particular from:

- [TRBA 100](#)

Schutzmaßnahmen für Tätigkeiten mit biologischen Arbeitsstoffen in Laboratorien; Ausgabe:  
Oktober 2013, geändert 2014

Protective measures for activities involving biological agents in laboratories; Edition: October 2013,  
amended 2014

- [TRBA 120](#)

Versuchstierhaltung; Ausgabe: Juli 2012, geändert 2017

Experimental animal husbandry; Edition July 2012, amended 2017

- [TRBA 500](#)

Grundlegende Maßnahmen bei Tätigkeiten mit biologischen Arbeitsstoffen; Ausgabe: April 2012

Basic measures to be taken for activities involving biological agents; Edition April 2012

Quelle: 01462

[TRBA 462](#)

Einstufung von Viren in Risikogruppen; Ausgabe: April 2012

Classification of viruses in risk groups; Edition April 2012

Quelle: 02014

Verordnung zur arbeitsmedizinischen Vorsorge ([ArbMedVV](#))

Ordinance on Occupational Health Care ([ArbMedVV](#))

Quelle: 99999

Angabe des Bearbeiters

Indication of the author

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**This datasheet was created with greatest care. Nevertheless no liability irrespective of legal basis can be accepted.**