

SAFETY DATA SHEET

This Safety Data Sheet (SDS) complies with the requirements of Annex II of Regulation (EC) No. 1907/2006 of the European Parliament and of the Council and subsequent amendments

SECTION 1. Identification of the substance/ mixture and of the company/ undertaking

1.1 Product Identifier

Product Name	Catalogue Number
Ornithobacterium Rhinotracheale Antibody Test Kit	CK108
Mycoplasma Meleagridis Antibody Test Kit	CK109
Avian Reovirus Antibody Test Kit	CK110
Egg Drop Syndrome Virus Antibody Test Kit	CK112
Infectious Bursal Disease Virus Antibody Test Kit	CK113
Mycoplasma Gallisepticum Antibody Test Kit	CK114
Mycoplasma Synoviae Antibody Test Kit	CK115
Newcastle Disease Virus Antibody Test Kit	CK116
Salmonella Group D Antibody Test Kit	CK117
Salmonella Group B Antibody Test Kit	CK118
Infectious Bronchitis Virus Antibody Test Kit	CK119
Avian Rhinotracheitis Antibody Test Kit	CK120
Avian Influenza Antibody Test Kit	CK121
Newcastle Disease Virus Antibody Test Kit	CK122
Avian Encephalomyelitis Virus Antibody Test Kit	CK123
Infectious Laryngotracheitis Antibody Test Kit	CK124
Reticuloendotheliosis Virus Antibody Test Kit	CK125
Chicken Anemia Virus Antibody Test Kit	CK126
Avian Influenza Antibody Test Kit	CK128
Avian Influenza/Egg Drop Syndrome Antibody Test Kit	CK129
Avian Influenza Antibody Test Kit	CK130
Big Liver And Spleen Disease Antibody Test Kit	CK131
Fowl Adenovirus Group 1 Antibody Test Kit	CK132
Chicken Astrovirus Group B Antibody Test Kit	CK133
Mycoplasma Gallisepticum - Synoviae Antibody Test Kit	CK215
Mycoplasma Gallisepticum – Synoviae Antibody Test Kit	CK230
Mycoplasma Gallisepticum – Synoviae Antibody Test Kit	CK231
Salmonella Group B And D Antibody Test Kit	CK218
Avian Influenza Antigen Test Kit	CK301**
Multispecies Influenza A Antibody Test Kit	CK401
Avian Leukosis Virus Antigen Test Kit	CK422B*
Avian Leukosis Virus Antigen Test Kit	CK111B*
Avian Leukosis Virus Antigen Test Kit	CK111C*

Salmonella Group B, C1 and D Antibody Test Kit	SK101
Aujeszky g1 Antibody Test Kit	SK102
Haemophilus Parasuis Antibody Test Kit	SK104
Porcine Circovirus Type 2 Antibody Test Kit	SK105
Classical Swine Fever Antibody Test Kit	SK106
Mycoplasma Hyopneumoniae Antibody Test Kit	SK108
Aujeszky gb Antibody Test Kit	SK109
Porcine Reproductive and Respiratory Syndrome Ab Test Kit	SK112

*contains phosphate buffered saline

**does not contain sample diluent reagent

BioChek ELISA kits – Contain various components of low risk to a trained operator.

Components:	Coated plates
	Negative control
	Positive control
	Stop solution
	Substrate buffer
	Conjugate reagent
	Sample diluent reagent*
	Phosphate buffered saline**
	Substrate tablets
	Wash buffer (powder)

*not present within outer kit CK422B/CK111B/CK111C Avian Leukosis Virus Antigen test kit and CK301 Avian Influenza Antigen test kit

**present only within outer kit CK301 Avian Influenza Antigen test kit

1.2 Use of the substance/ preparation

Enzyme immunoassay based on a microtiter plate for the detection and quantitative determination of antibodies against infectious agents.

In-vitro veterinary diagnostic. Not for use in humans or animals.

1.3. Details of the supplier of the safety data sheet

BioChek (UK) Limited

Unit 5 Kings Ride Park

Kings Ride

Ascot

Berkshire

SL5 8BP

Tel: +0044 (0)208 893 3000 (operating hours 09.00-17.00 GMT)

1.4. Emergency Telephone

Tel: +0044 (0)208 893 3000 (operating hours 09.00-17.00 GMT)

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

Outer kit

Classification under CLP: STOT RE2: H373; Skin Corr/Irrit 1A: H314

Most important adverse effects: May cause damage to organs through prolonged or repeated exposure.
Causes severe skin burns and eye damage.
Causes serious eye irritation.

Coated plate, conjugate reagent, substrate tablets, wash buffer, sample diluent reagent, phosphate buffered saline, positive & negative controls

Classification under CLP: Not classified.

Most important adverse effects: Not applicable.

Substrate buffer

Classification under CLP: STOT RE2: H373

Most important adverse effects: May cause damage to organs through prolonged or repeated exposure.

Stop solution

Classification under CLP: Skin Corr/Irrit 1A: H314

Most important adverse effects: Causes severe skin burns and eye damage.

2.2 Label Elements

REGULATION (EU) 1272/2008

Outer kit

Pictogram:

GHS08, GHS05



Signal word: Danger

Hazard statement(s): H373 May cause damage to organs through prolonged or repeated exposure
H314 Causes severe skin burns and eye damage.

Precautionary statement(s):

P264 Wash skin thoroughly after handling
P280 Wear eye protection/ face protection.

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SDS/ELISA/REV02
Revision date: 26.05.2021

BioChek (UK) Limited

Unit 5 Kings Ride Park • Kings Ride • Ascot • Berkshire • SL5 8BP • United Kingdom
Tel: +44 2088 933 000 • Company No. 2948559 • VAT No. GB649949269

- P314 Get medical advice/attention if you feel unwell.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulation.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P337 + P313 If eye irritation persists get medical advice/attention.
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell. Rinse mouth.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a doctor/ physician.

Other Hazards: This substance/ mixture contains no components considered to be either persistent, bioaccumulative and toxic, or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Coated plate, conjugate reagent, substrate tablets, wash buffer, sample diluent reagent, phosphate buffered saline, positive & negative controls

None.

Substrate buffer

Pictogram:

GHS08



Signal word:

Warning

Hazard statement(s):

H373 May cause damage to organs through prolonged or repeated exposure

Stop solution

Pictogram:

GHS08, GHS05



Signal word:

Danger

Hazard statement(s):

H373 May cause damage to organs through prolonged or repeated exposure
H314 Causes severe skin burns and eye damage

SECTION 3: Composition/ information on ingredients

Negative control, positive control, conjugate reagent, phosphate buffered saline and sample diluent reagent

Component	CAS-No.	EC-No.	Index-No.	Concentration	Classification
Sodium azide	26628-22-8	247-852-1	011-004-00-7	≤1.0%	Acute toxicity, Oral (Category 2); Chronic aquatic toxicity (Category 1); H300, H410

Substrate buffer and Stop solution

Component	CAS-No.	EC-No.	Index-No.	Concentration	Classification
Diethanolamine	111-42-2	203-868-0	603-071-00-1	≤10.5%	Acute toxicity, Oral (Category 4); Skin irritation (Category 2); Serious eye damage (Category 1); Specific target organ toxicity – repeated exposure (Category 2); Chronic aquatic toxicity (Category 3); H302, H315, H318, H373, H412

Sample diluent, negative control, positive control

Component	CAS-No.	EC-No.	Index-No.	Concentration	Classification
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	9036-19-5	-	604-075-00-6	<1.0%	Acute toxicity, Oral (Category 4); Skin irritation (Category 2); Serious eye damage (Category 1);

					Chronic aquatic toxicity (Category 1); H302, H315, H318, H410
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Stop solution

Component	CAS-No.	EC-No.	Index-No.	Concentration	Classification
Sodium hydroxide	1310-73-2	215-185-5	011-002-00-6	≤8.0%	Corrosive to Metals (Category 1); Skin corrosion/irritation (Category 1A); H290, H314

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/ or section 11.

- 4.3 **Indication of immediate medical attention and special treatment needed**
No data available.

SECTION 5: Firefighting measures

- 5.1 **Extinguishing media**
Use water spray, alcohol-resistant foam, dry powder or carbon dioxide.
- 5.2 **Special hazards arising from the substance or mixture**
Carbon oxides, Nitrogen oxides, Sodium oxides.
- 5.3 **Advice for firefighters**
Wear self-contained breathing apparatus for firefighting if necessary.
- 5.4 **Further information**
No data available.

SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment (see section 8).
- 6.2 **Environmental precautions**
Prevent further leakage or spillage if safe to do so. Do not let product enter the drains. Discharge into the environment must be avoided.
- 6.3 **Methods and materials for containment and cleaning up**
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
- 6.4 **Reference to other sections**
For disposal see section 13.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
Avoid contact with skin and eyes. For precautions see section 2.2.
- 7.2 **Conditions for safe storage, including any incompatibilities**
Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage temperature 2-8°C.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/ personal protection

8.1 Control parameters

Components with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
Sodium Azide	26628-22-8	TWA	0.1 mg/m ³	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
	Remarks	Identifies the possibility of significant uptake through the skin. Indicative.		
		STEL	0.3 mg/m ³	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
		Identifies the possibility of significant uptake through the skin. Indicative.		
		TWA	0.1 mg/m ³	UK. EH40 WEL – Workplace Exposure Limits
		Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		
		STEL	0.3 mg/m ³	UK. EH40 WEL – Workplace Exposure Limits
		Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		

8.2 Exposure Controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Long sleeved clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

While handling according to the intended use no respiratory protection is necessary.

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	Coated plates	Negative control	Positive control	Stop solution	Substrate buffer
Physical State	Plastic plate	Liquid	Liquid	Liquid	Liquid
Colour	Clear/white	Blue	Red	Clear	Clear
Odour	No data available	No data available	No data available	No data available	No data available
pH	Not applicable	No data available	No data available	No data available	No data available
Boiling Point	No data available	No data available	No data available	No data available	No data available
Freezing point	No data available	No data available	No data available	No data available	No data available

Flammability	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Upper/ lower explosion limit/ flammability limit	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Flash point	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Auto-ignition temperature	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Decomposition temperature	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Viscosity	No data available	No data available	No data available	No data available	No data available
Solubility	Insoluble	Soluble	Soluble	Soluble	Soluble
Partition coefficient n-octanol/ water	No data available	No data available	No data available	No data available	No data available
Vapour pressure	No data available	No data available	No data available	No data available	No data available
Density	No data available	No data available	No data available	No data available	No data available
Relative vapour density	No data available	No data available	No data available	No data available	No data available
Particle characteristics	No data available	No data available	No data available	No data available	No data available

	Phosphate buffered saline	Conjugate Reagent	Sample Diluent	Substrate Tablets	Wash Buffer
Physical State	Liquid	Liquid	Liquid	Solid tablets	Powder
Colour	Clear	Red	Clear/ Green/ Blue/ Purple	White	White
Odour	No data available	No data available	No data available	No data available	No data available
pH	No data available	No data available	No data available	No data available	No data available
Boiling Point	No data available	No data available	No data available	No data available	No data available

Freezing point	No data available	No data available	No data available	No data available	No data available
Flammability	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Upper/ lower explosion limit/ flammability limit	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Flash point	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Auto-ignition temperature	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Decomposition temperature	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Viscosity	No data available	No data available	No data available	No data available	No data available
Solubility	Soluble	Insoluble	Soluble	Soluble	Soluble
Partition coefficient n-octanol/ water	No data available	No data available	No data available	No data available	No data available
Vapour pressure	No data available	No data available	No data available	No data available	No data available
Density	No data available	No data available	No data available	No data available	No data available
Relative vapour density	No data available	No data available	No data available	No data available	No data available
Particle characteristics	No data available	No data available	No data available	No data available	No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable until expiry date under storage conditions detailed on labels.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

Negative control, positive control, conjugate reagent and sample diluent reagent

No data available

Stop solution

Prolonged contact may cause skin irritation with local redness. Repeated contact may cause skin burns. Symptoms may include pain, severe local redness, swelling, and tissue damage. May cause more severe response if skin is abraded (scratched or cut).

Serious eye damage/eye irritation

Negative control, positive control, conjugate reagent and sample diluent reagent

No data available

Stop solution

May cause severe eye irritation. May cause severe corneal injury.

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Additional information

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information**12.1 Toxicity**

No data available

12.2 Persistence and biodegradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

These substances/mixtures contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effect

Negative control, positive control, conjugate reagent and sample diluent

Contains sodium azide which is very toxic to aquatic life with long lasting effects.

Substrate reagent and Stop solution

None reported

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal techniques. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport information

14.1 UN number

UN3316

14.2 UN proper shipping name

Chemical test kit

14.3 Transport hazard classes

9

14.4 Packaging group

III

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Tunnel restriction code E

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

No Chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations:

STEL Short-term exposure limit

TWA Time-weighted average

RTECS The Registry of Toxic Effects of Chemical Substances

IARC International Agency for Research on Cancer
PBT Persistent, bioaccumulative and toxic
vPvB Very persistent and very bioaccumulative

H-statements:

H290 May be corrosive to metals
H300 Fatal if swallowed.
H302 Harmful if swallowed.
314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long-lasting effects.
H412 Harmful to aquatic life with long-lasting effects.

Additional information

Indication of changes: Section 14

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE"