

SAFETY DATA SHEET

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

1.1 Product Identifier

BioChek qPCR RNA Test Kits

Product Name: Newcastle Disease Virus RNA Test Kit
Infectious Bronchitis Virus RNA Test Kit
Influenza A RNA Test Kit

Product Code: CP102 (NDV qPCR)
CP108 (IBV qPCR)
MP101 (InfA qPCR)

Components: Product specific qPCR Primer/Probe mix with Internal Control
Mastermix
Product specific qPCR Positive Control
qPCR Negative Control
Reverse transcriptase enzyme

1.2 Use of the substance/ preparation

Polymerase chain reaction test for the detection of RNA from target organisms;
in-vitro 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

Primer/Probe mix with Internal Control, Mastermix, Positive Control, Negative Control

GHS classification – these are not classed as hazardous substances or mixtures according to Regulation No 1272/2008.

2.2 Label Elements

REGULATION (EU) 1272/2008

Primer/Probe mix with Internal Control, Mastermix, Positive Control, Negative Control, Reverse transcriptase enzyme

None

SECTION 3: Composition/ information on ingredients

Primer/Probe mix with Internal Control, DNA Mastermix I, Positive Control, Negative Control

None

Reverse transcriptase enzyme

Component	CAS-No.	EC-No.	Index-No.	Concentration	Classification
Glycerol	56-81-5	200-289-5	-	≤50.0%	-

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

Under standard conditions, not expected to present an inhalation hazard. Seek medical advice if you feel unwell.

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

Under standard conditions, not expected to present an ingestion hazard. Seek medical advice if you feel unwell.

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

None.

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

Not known.

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 recommended personal protective equipment (see section 8).

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use recommended personal protective equipment. No special handling advice required.

7.2 Conditions for safe storage, including any incompatibilities

Containers which are opened must be carefully resealed, kept upright and stored at their labelled temperature.

7.3 Specific end use(s)

For veterinary and food safety use only.

SECTION 8: Exposure controls/ personal protection

8.1 Control parameters

Components with workplace control parameters

Substance	Value	Unit	Type
Glycerol CAS: 56-81-5	10	mg/m ³	Exposure limit (8 hours)

8.2 Exposure Controls

Appropriate engineering controls

Provide adequate ventilation.

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. 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

Wear suitable protective clothing.

Respiratory protection

If ventilation measures are not possible or insufficient, suitable respiratory protection must be worn.

Hygiene measures

Ensure handling is in accordance with good industrial hygiene and safety practices.

Control of environmental exposure

No special environmental precautions needed.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	Primer/Probe mix with Internal Control	Negative Control	Positive Control	Mastermix	Reverse transcriptase enzyme
Physical State	Liquid	Liquid	Liquid	Liquid	Liquid
Odour	Odourless	Odourless	Odourless	Odourless	Odourless
pH	No data	No data	No data	No data	No data
Boiling Point	No data	No data	No data	No data	No data
Freezing point	No data	No data	No data	No data	No data
Flammability	No data	No data	No data	No data	No data
Upper/ lower explosion limit/ flammability limit	No data	No data	No data	No data	No data
Flash point	No data	No data	No data	No data	No data
Auto-ignition temperature	No data	No data	No data	No data	No data
Decomposition temperature	No data	No data	No data	No data	No data
Viscosity	No data	No data	No data	No data	No data
Solubility	No data	No data	No data	No data	No data
Partition coefficient n-octanol/ water	No data	No data	No data	No data	No data
Vapour pressure	No data	No data	No data	No data	No data
Density	No data	No data	No data	No data	No data
Relative vapour density	No data	No data	No data	No data	No data
Particle characteristics	No data	No data	No data	No data	No data

SECTION 10: Stability and reactivity

10.1 Reactivity

None known.

10.2 Chemical stability

Stable until expiry date under storage conditions detailed on the label.

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

Primer/Probe mix with Internal Control, Mastermix, Positive Control, Negative Control, Reverse transcriptase enzyme

No data available.

Serious eye damage/eye irritation

Primer/Probe mix with Internal Control, Mastermix, Positive Control, Negative Control, Reverse transcriptase enzyme

No data available.

Respiratory or skin sensitisation

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

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 components do not contain any substances that are assessed to be a PBT or vPvB.

12.6 Other adverse effect

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

IATA / ADR / DOT-US / IMDG

Not classified as dangerous in the meaning of transport regulations.

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard classes

Not applicable.

14.4 Packaging group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

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