

AgriHealth NZ Ltd	Biobos IBR Marker Vaccine	Version: FINAL
VIAL LABEL (250mL)	Packaging Text	Date: 10 Mar 2016

**RESTRICTED VETERINARY MEDICINE
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL TREATMENT ONLY**

Biobos IBR Marker Vaccine

Vaccine for cattle containing inactivated Bovine herpesvirus type 1 (BoHV-1)
Contains thiomersal.

Net Contents: 250mL (125 doses)

Indications

For active immunisation of cattle to reduce intensity and duration of the clinical symptoms caused by infection with the Bovine herpesvirus type 1 (IBR) virus and to reduce excretion of the field virus.

READ LABEL AND LEAFLET BEFORE USE

Directions for use

Shake well before use.

CATTLE: Administer 2 mL, by intramuscular injection into the anterior half of the neck.

Withholding Period – Nil

Store between 2 - 8°C. Do not freeze. Protect from light. Use within 28 days of opening.

WARNING

May cause an allergic skin reaction
Suspected of causing cancer

Handling precautions:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear gloves when handling. Wash exposed skin thoroughly after handling. Avoid breathing mist or spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Store locked up.

First Aid:

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. If exposed or concerned: Get medical advice or attention
For advice call the National Poisons Centre 0800 POISON (0800 764 766)

Disposal:

Any unused product or empty containers should be disposed of at an approved landfill or other facility.

Manufactured in Europe by Bioveta [BIOVETA LOGO]

www.bioveta.cz

Registered in New Zealand to:

AgriHealth NZ Ltd 0800 821 421 [AGRIHEALTH LOGO]

www.agrihealth.co.nz

Biobos IBR Marker Vaccine is registered pursuant to the ACVM Act 1997, No. A11239.
See www.foodsafety.govt.nz for registration conditions.

Batch:

Expiry:



05/04/2017

AgriHealth NZ Ltd	Biobos IBR Marker Vaccine	Version: FINAL
CARTON LABEL (10mL / 50mL / 100mL / 250mL)	Packaging Text	Date: 10 Mar 2016

PANEL 1 AND 3

RESTRICTED VETERINARY MEDICINE

KEEP OUT OF REACH OF CHILDREN

FOR ANIMAL TREATMENT ONLY

Biobos IBR Marker Vaccine

Vaccine for cattle containing inactivated Bovine herpesvirus type 1 (BoHV-1)

Contains thiomersal.

Net Contents 10mL / 50mL / 100mL / 250mL (5 / 25 / 50 / 125 doses)

PANEL 2

READ LABEL AND LEAFLET BEFORE USE

Indications

For active immunisation of cattle to reduce intensity and duration of the clinical symptoms caused by infection with the Bovine herpesvirus type-1 (IBR) virus and to reduce excretion of the field virus.

Directions for use

Shake well before use.

CATTLE: Administer 2 mL, by intramuscular injection into the anterior half of the neck. Initial vaccination should be given at three months of age or older to avoid interference by maternal antibodies. Give booster vaccination three weeks after first (sensitiser) vaccination.

Withholding Period - Nil

Store between 2 - 8°C. Do not freeze. Use within 28 days of opening. Protect from light.

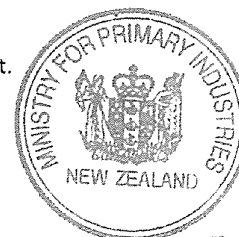
Registered in New Zealand to:

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0800 821 421

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05/04/2017

PANEL 4

WARNING

May cause an allergic skin reaction

Suspected of causing cancer

Handling precautions:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear gloves when handling. Wash exposed skin thoroughly after handling.

Avoid breathing mist or spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Store locked up.

First Aid:

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. If exposed or concerned: Get medical advice or attention

For advice call the National Poisons Centre 0800 POISON (0800 764 766)

Disposal:

Any unused product or empty containers should be disposed of at an approved landfill or other facility.

AgriHealth NZ Ltd	Biobos IBR Marker Vaccine	Version: FINAL
VIAL LABEL (10mL, 50mL)	Packaging Text	Date: 10 Mar 2016

FOR ANIMAL TREATMENT ONLY

Biobos IBR Marker Vaccine

Vaccine for cattle containing inactivated Bovine herpesvirus type 1 (BoHV-1)
10mL / 50mL (5 / 25 doses)

READ CARTON LABEL AND LEAFLET BEFORE USE

Directions for use:

Shake well before use.

Administer 2mL by intramuscular injection in anterior half of neck.

Withholding Period: Nil

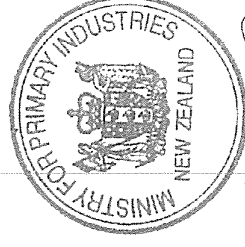
Store between 2 – 8°C. Do not freeze. Use within 28 days of opening.

RVM, ACVM No. A11239.

Batch:

[AGRIHEALTH LOGO]

Expiry:



[Handwritten Signature]
05/04/2017

AgriHealth NZ Ltd	Biobos IBR Marker Vaccine	Version: FINAL
VIAL LABEL (100mL)	Packaging Text	Date: 10 Mar 2016

**RESTRICTED VETERINARY MEDICINE
FOR ANIMAL TREATMENT ONLY**

Biobos IBR Marker Vaccine

Vaccine for cattle containing inactivated Bovine herpesvirus type 1 (BoHV-1)
Contains thiomersal.

Net Contents: 100mL (50 doses)

Indications: For active immunisation of cattle to reduce intensity and duration of clinical symptoms caused by infection with Bovine herpesvirus type 1 (IBR) virus and to reduce excretion of the field virus.

READ LABEL AND LEAFLET BEFORE USE

Directions for use

Shake well before use.

Administer 2 mL by intramuscular injection in anterior half of the neck.

Withholding Period – Nil

Store between 2 - 8°C. Do not freeze. Use within 28 days of opening.

Manufactured in Europe by Bioveta

www.bioveta.cz

Registered in New Zealand to:

AgriHealth NZ Ltd 0800 821 421

ACVM No. A11239

www.agrihealth.co.nz

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Batch:

Expiry:



05/04/2017

AgriHealth NZ Ltd	Biobos IBR Marker Vaccine	Version: FINAL
CARTON LABEL (10mL / 50mL / 100mL / 250mL)	Packaging Text	Date: 10 Mar 2016

Registered in NZ pursuant to the ACVM Act 1997, No. A11239.
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Manufactured in Europe by Bioveta
www.bioveta.cz

TOP PANEL

Biobos IBR Marker Vaccine

Vaccine for cattle containing inactivated Bovine herpesvirus type 1 (BoHV-1)
Contains thiomersal.

Batch:
Expiry:



05/04/2017

AgriHealth NZ Ltd	Biobos IBR Marker Vaccine	Version: FINAL
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**RESTRICTED VETERINARY MEDICINE
KEEP OUT OF REACH OF CHILDREN
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Biobos IBR Marker Vaccine

Vaccine for cattle

Each vaccination dose contains inactivated Bovine herpesvirus type 1 (BoHV-1), strain Bio-27: IBR gE-RP ≥ 1 *

* Relative potency established by serological method (ELISA) in comparison with standard vaccine with minimal content of antigen.

Contains adjuvant and Thiomersal.

For active immunisation of cattle to reduce intensity and duration of the clinical symptoms caused by infection with the Bovine herpesvirus type-1 (IBR) virus and to reduce excretion of the field virus.

Properties:

In general, a viral particle of bovine herpesvirus type 1 (BoHV-1) consists of several dozen glycoproteins. Six of these glycoproteins are considered immunodominant (i.e. the level of antibodies produced against these six glycoproteins is significantly higher than against other glycoproteins). These are glycoproteins B, C, D, E, H, and I. Biobos IBR Marker vaccine contains a vaccine strain of BoHV-1 that is missing the gE expression gene.

The term "marker" vaccine used in the literature in connection with IBR means a "gE negative" vaccine, i.e. a vaccine containing BoHV-1 with a missing gene for glycoprotein E (gE).

The administration of this vaccine enables the distinction of vaccinated animals (with the marker vaccine) from infected animals. In combination with diagnostic testing, cattle vaccinated with Biobos IBR marker vaccine (gE-) are able to be differentiated from cattle that have been naturally infected (gE+).

Dosage and administration:

Shake well before use. Vaccine should be warmed to 15 - 25°C before use.

CATTLE: Administer 2 mL, by intramuscular injection into the anterior half of the neck.

Initial vaccination should be given at three months of age or older to avoid interference by maternal antibodies. Give booster vaccination three weeks after first (sensitiser) vaccination.

Onset of immunity – 3 weeks after booster vaccination.

Duration of immunity – 6 months after booster vaccination. Booster vaccination can be repeated at six monthly intervals.

Safe for use in pregnant and lactating cattle.

Withdrawal Period:

Nil.

Storage:

Store in a refrigerator (2°C – 8°C). Do not freeze. Protect from light.

Shelf life after first opening the container: 28 days.

Special Warnings:

Vaccinate healthy animals only.

Hypersensitivity reaction may occur in rare circumstances. Begin with appropriate adrenaline and supportive treatment immediately.



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The vaccine contains adjuvant which can cause temporary local swelling up to 2cm in diameter at the injection site. Swelling disappears within 4 days of vaccination.

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