

- **ANTIGENS FOR THE DIAGNOSIS OF Q FEVER AND CHLAMYDIAL INFECTIONS**

The antigens enable a rapid, simple, sensitive and specific detection of antibodies against *C. burnetii* and *chlamydia* in serum, plasma and milk samples of animals and in human sera. Thus, the antigen preparations enable both to determine the origin of the disease and to propose an efficient medical treatment.

ANTIGENS FOR THE DIAGNOSIS OF Q FEVER

The antigen preparations are used in

Complement fixation (CF) test:

Dolfinin Q-fever CFT1 bulk

Dolfinin Q-fever CFT1 kit

Dolfinin Q-fever CFT2 bulk

Dolfinin Q-fever CFT2 kit

Microimmunofluorescence (MIF) test:

Dolfinin Q-fever IFA1 bulk

Dolfinin Q-fever IFA2 bulk

Microagglutination (MA) test

Dolfinin Q-fever MAR1 bulk

Dolfinin Q-fever MAR1 kit

Dolfinin Q-fever MAR2 bulk

Dolfinin Q-fever MAR2 kit

ELISA

Dolfinin Q-fever ELISA1 bulk

Dolfinin Q-fever ELISA2 bulk

Dolfinin Q-fever ELISA3 bulk

ANTIGENS FOR THE DIAGNOSIS OF CHLAMYDIAL INFECTIONS

The antigen preparations are used in

Complement fixation (CF) test:

Dolfinin Chlamydia CFT bulk

Dolfinin Chlamydia CFT kit

ELISA:

Dolfinin Chlamydia ELISA bulk

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //

CATALOGUE 2010

Product Name : **Dolfinin Q-fever CFT1 kit**

Product Description: CFT kit 1 for Q-fever

Article No: K1CF1005/2P- optional reagents included*

K1CF1005/2 – without optional reagents

Product Name : **Dolfinin Q-fever CFT1 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by CFT 1

Article No: B1CF1005 - 1x5 ml

B1CF1001 - 1x1 ml

B1CF100R - Amount upon request

Specifications: **Antigen-** A white suspension of highly purified and chemically modified *Coxiella burnetii* cells in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking. The antigen has a titer of 10.

Positive serum- Rabbit serum containing specific complement fixing antibodies against *C. burnetii* in phase II. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific complement fixing antibodies against *C. burnetii*. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q -fever by CFT 1** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the complement fixation (CF) test. It can be applied for the detection of *C. burnetii* phase II antibodies about 10 days after infection and thus, it is very useful for diagnosing acute Q fever in endemic areas.

Testing: The antigen is used in a working dilution of 1 + 4. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 5 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

*Optional reagents for the CF test :

Complement, stabilized 2 vials 2 x 1 ml

Hemolytic Amboceptor 1 vial 1 x 5 ml

Sheep-Erythrocytes (50%) 1 vial 1 x 20 ml

Product Name: **Dolfinin Q-fever CFT2 kit**

Product Description: CFT kit 2 for Q-fever

Article No: K1CF2005/2P- optional reagents included*

K1CF2005/2 – without optional reagents

Product Name: **Dolfinin Q-fever CFT2 bulk**

Product Name: Bulk antigen for diagnosing Q-fever by CFT2

Article No: B1CF2005 - 1x5 ml

B1CF2001 - 1x1 ml

B1CF200R - Amount upon request

Specifications: **Antigen-** A white suspension of highly purified *Coxiella burnetii* cells in phase I in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking.

The antigen has a titer of 10.

Positive serum- Rabbit serum containing specific complement fixing antibodies against *C. burnetii* in phase I and II. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific complement fixing antibodies against *C. burnetii*. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q- fever by CFT 2** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the complement fixation (CF) test. It is especially applied for the detection of elevated levels of the *C. burnetii* phase I antibodies. Thus, it is particularly useful for both confirmation and therapeutic follow-up of the chronic Q fever in humans.

Testing: The antigen is used in a working dilution of 1 + 4. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 5 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera - Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

*Optional reagents for the CF test :

Complement, stabilized 2 vials 2 x 1 ml

Hemolytic Amboceptor 1 vial 1 x 5 ml

Sheep-Erythrocytes (50%) 1 vial 1 x 20 ml

Product Name: **Dolfinin Q-fever MAR1 kit**

Product Description: MAR kit 1 for Q-fever

Article No: K1MA1005/2 - antigen 2x5 ml, PRS, NRS, Fetal calf serum

Product Name: **Dolfinin Q-fever MAR1 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by MAR 1

Article No: B1MA1005 - 1x5 ml

B1MA1001 - 1x1 ml

B1MA100R - Amount upon request

Specifications: **Antigen-** A blue suspension of highly purified and chemically modified *Coxiella burnetii* cells stained with hematoxylin in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking. The antigen has a titer of 6.

Positive serum- Rabbit serum containing specific agglutinating antibodies against *C. burnetii* in phase II. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific agglutinating antibodies against *C. burnetii*. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by MAR 1** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the microagglutination reaction (MAR). It is especially applied for the detection of *C. burnetii* phase II antibodies in early stages of infection and is very useful for the diagnosis of acute Q fever in endemic areas. Testing: The antigen is used in a working dilution of 1+2. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 5 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Fetal calf serum 1 vial 2 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //

Product Name: **Dolfinin Q-fever MAR2 kit**

Product Description: MAR kit 2 for Q-fever

Article No: K1MA2005/2 - antigen 2 vials 2x5 ml, PRS, NRS, Fetal calf serum

Product Name: **Dolfinin Q-fever MAR2 bulk**

Product Name: Bulk antigen for diagnosing Q-fever by MAR 2

Article No: B1MA2005 - 1x5 ml

B1MA2001 - 1x1 ml

B1MA200R - Amount upon request

Specifications: **Antigen-** A blue suspension of highly purified *Coxiella burnetii* cells in phase I stained with hematoxylin in phosphate-buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking. The antigen has a titer of 6.

Positive serum- Rabbit serum containing specific agglutinating antibodies against *C. burnetii* in phase I and II. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific agglutinating antibodies against *C. burnetii*. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by MAR 2** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the microagglutination reaction (MAR). It is especially applied for the detection of elevated levels of the *C. burnetii* phase I antibodies and thus, useful for both confirmation and therapeutic follow-up of the chronic Q fever in humans.

Testing: The antigen is used in a working dilution of 1+2. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 5 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Fetal calf serum 1 vial 2 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //

Product Name: **Dolfinin Q-fever ELISA1 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by ELISA 1

Article No: B1EL1004/2 – 2 vials 2x4 ml

B1EL1004 – 1x4 ml

B1EL1001 – 1x1 ml

B1EL100R - Amount upon request

Specifications: **Antigen-** A white suspension of highly purified *Coxiellaburnetii* cells in phase II in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking. The antigen has a titer of 40.

Positive serum- Rabbit serum containing specific phase II binding antibodies against *C. burnetii* in ELISA. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific binding antibodies against *C. burneti* in ELISA. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by ELISA 1** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the enzyme-linked immunosorbent assay (ELISA). It is especially applied for the detection of *C. burnetii* phase II IgM and IgG antibodies in early stages of infection and is very useful for the diagnosis of acute Q fever in endemic areas.

Testing: The antigen is used in a working dilution of 1+19. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 4 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cyc les.

Expiration date: One year from the date of manufacture.

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //

Product Name: **Dolfinin Q-fever ELISA2 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by ELISA 2

Article No: B1EL2004/2 – 2 vials 2x4 ml

B1EL2004 – 1x4 ml

B1EL2001 – 1x1 ml

B1EL200R - Amount upon request

Specifications: **Antigen-** A white suspension of highly purified *Coxiella burnetii* cells in phase I in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking. The antigen has a titer of 40.

Positive serum- Rabbit serum containing specific phase I and II binding antibodies against *C. burnetii* in ELISA. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific binding antibodies against *C. burnetii* in ELISA. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by ELISA 2** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the enzyme-linked immunosorbent assay (ELISA). It is especially applied for the detection of elevated levels of *C. burnetii* phase I IgG and IgA antibodies and thus, useful for both confirmation and therapeutic follow-up of the chronic Q fever in humans.

Testing: The antigen is used in a working dilution of 1+19. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 4 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8°C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

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Product Name: **Dolfinin Q-fever ELISA3 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by ELISA 3

Article No: B1EL3004/2 – 2 vials 2x4 ml

B1EL3004 – 1x4 ml

B1EL3001 – 1 x 1 ml

B1EL3001 - Amount upon request

Specifications: **Antigen-** A white suspension of highly purified and chemically modified *Coxiella burnetii* cells in phosphate –buffered saline with thiomersal as a preservative. A

sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking.

The antigen has a titer of 40.

Positive serum- Rabbit serum containing specific phase I and II binding antibodies against *C. burnetii* in ELISA.

Preservative: sodium azide.

Negative serum- Rabbit serum with no specific binding antibodies against *C. burnetii* in ELISA. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by ELISA 3** is used for screening of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the enzyme-linked immunosorbent assay (ELISA). It is applied for the rapid detection and screening of *C. burnetii* phase II and I IgM, IgG and IgA antibodies in the areas with an increased occurrence of Q fever. Thus, this antigen is very useful for both serological survey and surveillance.

Testing: The antigen is used in a working dilution of 1+19. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 4 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

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Product Name: **Dolfinin Q-fever IFA1 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by IFA 1

Article No: B1IF1004 – 1 x 4 ml

B1IF1001 – 1 x 1 ml

B1IF100R – Amount upon request

Specifications: **Antigen-** A white suspension of highly purified *Coxiella burnetii* cells in phase II in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking.

Positive serum- Rabbit serum containing specific phase II binding antibodies against *C. burnetii* in IFA. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific binding antibodies against *C. burnetii* in IFA. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by IFA 1** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the indirect immunofluorescence assay (IFA). It is especially applied for the detection of *C. burnetii* phase II IgM and IgG antibodies in early stages of infection and is very useful for

the diagnosis of acute Q fever in endemic areas.

Testing: The antigen is used in a working dilution of 1 + 4. A detailed test performance is attached to each package.

Package: Antigen 1 vials 4 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //

Product Name: **Dolfinin Q-fever IFA2 bulk**

Product Description: Bulk antigen for diagnosing Q-fever by IFA 2

Article No: B1IF2004 – 1 x 4 ml

B1IF2001 – 1 x 1 ml

B1IF200R – Amount upon request

Specifications: **Antigen-** A white suspension of highly purified *Coxiella burnetii* cells in phase I in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking.

Positive serum- Rabbit serum containing specific phase I and II binding antibodies against *C. burnetii* in IFA. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific binding antibodies against *C. burnetii* in IFA. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Q-fever by IFA 2** is used for the detection of antibodies against *C. burnetii* in the blood serum samples of humans and animals by the indirect immunofluorescence assay (IFA). It is especially applied for the detection of elevated levels of *C. burnetii* phase I IgG and IgA antibodies and thus, useful for both confirmation and therapeutic follow-up of the chronic Q fever in humans.

Testing: The antigen is used in a working dilution of 1 + 4. A detailed test performance is attached to each package.

Package: Antigen 1 vial 4 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //

Product Name: **Dolfinin Chlamydia CFT kit**

Product Description: CFT kit for Chlamydia

Article No: K2CF005/2P - optional reagents included*

K2CF005/2 – without optional reagents

Product Name: **Dolfinin Chlamydia CFT bulk**

Product Description: Bulk antigen for diagnosing Chlamydia by CFT

Article No: B2CF005 - 1x5 ml

B2CF001 - 1x1 ml

B2CF00R - Amount upon request

Specifications **Antigen-** A white or slightly yellow suspension of highly purified *Chlamydophila psittaci* cells in phosphate –buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can

easily be resuspended by shaking. The antigen has a titer of 24.

Positive serum- Rabbit serum containing specific complement fixing antibodies against *Chl. psittaci*. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific complement fixing antibodies against *Chl. psittaci*. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing Chlamydia by CF test** is used for the detection of antibodies against *Chlamydia* in the blood serum samples of humans and animals by the complement fixation (CF) test. It is very useful for the serological screening and surveillance.

Testing: The antigen is used in a working dilution of 1 + 11. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 5 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage **Antigen** - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: One year from the date of manufacture.

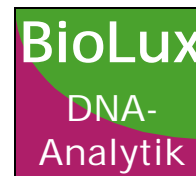
*Optional reagents for the CF test :

Complement, stabilized 2 vials 2 x 1 ml

Hemolytic Amboceptor 1 vial 1 x 5 ml

Sheep-Erythrocytes (50%) 1 vial 1 x 20 ml

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Product Name : **Dolfinin Chlamydia ELISA bulk**

Product Description: Bulk antigen for diagnosing Chlamydia by ELISA

Article No: B2EL004/2 - 2 vials 2x4 ml

B2EL004 1x4 ml

B2EL001 1x1 ml

B2EL00R Amount upon request

Specifications: **Antigen-** A white or slightly yellow suspension of highly purified *Chlamydomphila psittaci* cells in phosphate – buffered saline with thiomersal as a preservative. A sediment is formed after a longer period of storage. The sediment can easily be resuspended by shaking.

The antigen has a titer of 40.

Positive serum- Rabbit serum containing specific binding antibodies against *Chl. psittaci* in ELISA. Preservative: sodium azide.

Negative serum- Rabbit serum with no specific binding antibodies against *Chl. psittaci* in ELISA. Preservative: sodium azide.

Indication: **Bulk antigen for diagnosing chlamydia by ELISA** is used for the detection of antibodies against *chlamydia* in the blood serum samples of humans and animals by the enzyme-linked immunosorbent assay (ELISA). It is very useful for the serological screening and surveillance.

Testing: The antigen is used in a working dilution of 1+19. A detailed test performance is attached to each package.

Package: Antigen 2 vials 2 x 4 ml

Positive serum 1 vial 1 ml

Negative serum 1 vial 1 ml

Storage: Antigen - Store in a dark and dry place at the temperature of +2 – +8 °C.

Sera – Store in freezer at –20 °C. Avoid freeze/thaw cycles.

Expiration date: year from the date of manufacture.

Contact: // www.biomodul.de // E-mail: support@biolux-gmbh.de //