

AUSTRALIA

Manufacturer: **CSL LIMITED**  
45 Poplar Road  
Parkville, Victoria 3052

Telephone: 9 389 1272  
Fax: 9 389 1887  
Telex: 'SERUMS' MELBOURNE

Type of vaccine: Gas Gangrene (Mixed) Antitoxin Liquid

Proprietary name: Gas Gangrene Antitoxin (Mixed)

Available packaging: 25,000 Units (10,000 Units Perfringens; 10,000 Units Novyi; 5,000 Units Septicum)

Delivery time: Six months from placement of order

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 3 years

Stability: Stable under recommended storage conditions

Other remarks: Refrigerate, do not freeze, protect from light

Vaccine exportation: Yes

Production capacity: Low for domestic sale in Australia

Stability at 8 ° C: 36 months

Stability at 37 ° C: Not recommended

BULGARIA

Manufacturer: **MA - RESEARCH INSTITUTE OF INFECTIOUS  
AND PARASITIC DISEASES**  
Bl. 'Vl. Zaimov' 26  
1050 Sofia

Telephone: 43 - 471

Fax:

Telex:

Type of vaccine: Gas-gangrene Antiserum

Proprietary name:

Available packaging:

Delivery time:

Recommended storage  
temperature:

Shelf life:

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

BULGARIA

Manufacturer: **MA - RESEARCH INSTITUTE OF INFECTIOUS  
AND PARASITIC DISEASES**  
Bl. 'Vl. Zaimov' 26  
1050 Sofia

Telephone: 43 - 471

Fax:

Telex:

Type of vaccine: Botulinim Antisera, Type A, type B, type E, Type  
AB, type ABE

Proprietary name:

Available packaging:

Delivery time:

Recommended storage  
temperature:

Shelf life:

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

CANADA

Manufacturer: **CONNAUGHT LABORATORIES**  
1755 Steeles Avenue West ,Box 1755, Station 'A'  
Willowdale, Ontario M2R 3T4

Telephone: (416) 667-2701  
Fax: 06-22184 CONTOX  
Telex: CONTOX TORONTO

Type of vaccine: Botulism Antitoxin Trivalent (Equine) Types A, B  
and E Liquid

Proprietary name: Nil

Available packaging: 25,000 unit vial

Delivery time: Dependent on quantities

Recommended storage  
temperature: 2 - 8 degrees C

Shelf life: 5 years from date of final container potency test

Stability: MUST BE REFRIGERATED UNTIL USE

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

CHILE

Manufacturer: **INSTITUTO DE SALUD PUBLICA DE CHILE**  
Avda. Marathon 1000,Casilla 48  
Santiago

Telephone: 490021-29  
Fax: 562 239 6960  
Telex: 'BACTECHILE'

Type of vaccine: Antitoxina Gangrenosa 6,000 U.I. Liquida

Proprietary name: Antitoxina Gangrenosa 6,000 U.I.

Available packaging: Cajas de carton con 1 ampolla (1 dosis)

Delivery time:

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 60 meses

Stability:

Other remarks: Para distribucion interna

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

CZECH REPUBLIC

Manufacturer: **INSTITUTE OF SERA AND VACCINES**  
W. Piecka 108  
10103 Prague 10

Telephone: 73 62 51, 73 47 51  
Fax: 121852  
Telex: SEBAVIRA PRAHA

Type of vaccine: Gasgangrene horse serum, purified

Proprietary name: GASEA

Available packaging: 1 flask contains antitoxins Cl.Perfringens 10,000 U.I., Cl.Oedematiens 10,000 U.I., Cl.Septicum 5,000 U.I., max. 20 ml

Delivery time: 4 months, depends on quantity ordered

Recommended storage temperature: 2 - 10 degrees C

Shelf life: 2 years

Stability: 2 years

Other remarks:

Vaccine exportation: No

Production capacity: 3 000 doses / year

Stability at 8 ° C: 5°C 2 years

Stability at 37 ° C: 25°C 2 years

CZECH REPUBLIC

Manufacturer: **INSTITUTE OF SERA AND VACCINES**  
W. Piecka 108  
10103 Prague 10

Telephone: 73 62 51, 73 47 51  
Fax: 121852  
Telex: SEBAVIRA PRAHA

Type of vaccine: Viper ammodytes horse serum, purified. One flask contains 1000 IU according PhBs, IV Liquid

Proprietary name: VENISE

Available packaging: 1 flask

Delivery time: 4 months

Recommended storage temperature: 2 - 10 degrees C

Shelf life: 2 years

Stability: 3 months, 6, 12 24 at +5 degrees C, +25 degrees C

Other remarks:

Vaccine exportation: No

Production capacity: 15 000-20 000 doses per year

Stability at 8 ° C: 5°C 2 years

Stability at 37 ° C: 25°C 2 years

FRANCE

Manufacturer: **PASTEUR -MERIEUX VACCINS & SERA**  
17 rue Bourgelat  
69002 Lyon

Telephone: 47 41 79 22  
Fax: 206 464 F  
Telex:

Type of vaccine: Preparation containing heterologous immunoglobulins to neutralize toxins secreted by Clostridia (horse sera)

Proprietary name: Pasteur Gas-Gangrene Antitoxin 25,000 I.U.

Available packaging: Box of 1 ampoule 10 ml; Box of 10 ampoules 10 ml

Delivery time:

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 3 years

Stability:

Other remarks: Indication: prophylaxis and treatment of real gas-gangrene. Polyvalent 25,000 I.U. Pasteur gas-gangrene antitoxin for

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

FRANCE

Manufacturer: **PASTEUR -MERIEUX VACCINS & SERA**  
17 rue Bourgelat  
69002 Lyon

Telephone: 47 41 79 22  
Fax: 206 464 F  
Telex:

Type of vaccine: Preparations containing heterologous immunoglobulins to neutralize toxins secreted by *Cl.botulinum* (horse sera)

Proprietary name: Pasteur Botulism Antitoxins A, B, E and A + B

Available packaging: Box of 1 20 ml vial for botulism antitoxin A, B, E or A+B

Delivery time:

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 3 years

Stability:

Other remarks: Indication: Treatment of botulism intoxication. Pasteur botulism antitoxins for human use are preparations

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

GERMANY

**Manufacturer:** **BEHRINGWERKE AKTIENGESELLSCHAFT**  
Postfach 1140  
D-3550 Marburg (Lahn) 1

Telephone: (06421) 39-0  
Fax: 48 23 200  
Telex: MARBURGLAHN Fax: (064021) 31388

**Type of vaccine:** Botulism Antitoxin. Polyvalent Immunoglobulin  
fromequine immune serum, enzymatically treated  
Liquid

**Proprietary name:** Botulism Antitoxin Behring

**Available packaging:** Vials of 250 ml

**Delivery time:** Upon request depending on countries and  
quantities: 4-8 weeks

**Recommended storage  
temperature:** 2 - 8 degrees C

**Shelf life:** Maximum 42 months

**Stability:** Stable under recommended storage conditions

**Other remarks:** Botulism Antitoxin Behring contains antitoxin  
against clostridium botulinum Type A 750 I.U./ml;  
Type B

**Vaccine exportation:**

**Production capacity:**

**Stability at 8 ° C:**

**Stability at 37 ° C:**

GERMANY

Manufacturer: **BEHRINGWERKE AKTIENGESELLSCHAFT**  
Postfach 1140  
D-3550 Marburg (Lahn) 1

Telephone: (06421) 39-0  
Fax: 48 23 200  
Telex: MARBURGLAHN Fax: (064021) 31388

Type of vaccine: Mixed Gas-gangrene Antitoxin. Immunoglobulin  
from equine immune serum, enzymatically treated  
Liquid

Proprietary name: Mixed Gas-gangrene Antitoxin Behring

Available packaging: Ampoules with 10 ml; vials with 40 ml

Delivery time: Upon request depending on countries and  
quantities: 4-8 weeks

Recommended storage  
temperature: 2 - 8 degrees C

Shelf life: Maximum 3 years

Stability: Stable under recommended storage conditions

Other remarks: 1 ml contains: Antitoxin against c.perfringens 1,000  
I.U. Antitoxin against C.novyi (oedematiens) 1,000  
I.U.

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

INDIA

Manufacturer: **BENGAL IMMUNITY LTD**  
Immunity House ,153 Lenin Saranee  
700013 Calcutta

Telephone: 27-4211/4678/2266/7  
Fax: 021-4352 BICO  
Telex: INJECTULE CALCUTTA

Type of vaccine: Gasgangrene Antitoxin (Perfringens) Liquid

Proprietary name: Gasgangrene Antitoxin (Perfringens) IP

Available packaging: 4000 I.U. 1 x 3 ml amp., 1 x 5 ml amp.  
10,000 I.U. 1 x 3 ml amp., 1 x 5 ml amp.

Delivery time: Depending on the volume of the order

Recommended storage temperature: 2 - 10 degrees C

Shelf life: 2 years

Stability: Stable under recommended storage conditions

Other remarks: Solution of Enzyme refined Antitoxin Globulin

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

INDIA

Manufacturer: **HAFFKINE BIO-PHARMACEUTICAL  
CORPORATION LTD**  
Acharya Donde Marg ,Parel  
Bombay 400012

Telephone: 44 63 41

Fax: 11 5427 HBPC IN

Telex: 'RESEARCH' BOMBAY

Type of vaccine: Gas Gangrene Antitoxin I.P.

Proprietary name:

Available packaging: 4000 I.U./2.66 ml

Delivery time: Ex. stock OR 4 to 6 months

Recommended storage  
temperature: 0 - 5 degrees C

Shelf life: 2 years

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

JAPAN

Manufacturer: **CHIBA SERUM INSTITUTE**  
2-6-1 Konodai, Ichikawa  
Chiba 272

Telephone: 0473-72-3571  
Fax: 0473 73 6714  
Telex:

Type of vaccine: 1. Botulism Antitoxin, Monovalent (type E) 2. Botulism Antitoxin, Quadrivalent (types A,B,E and F) Freeze-dried

Proprietary name: 1. Freeze-dried Botulism Antitoxin (type E) Equine  
2. Freeze-dried Botulism Antitoxin (types A,B,E and F) Equine

Available packaging: 1. 10,000 I.U./vial 2. 10,000 I.U. each for types A, B and E and 4,000 I.U. for type F/vial

Delivery time: 150 days when bulk material in store, depends on quantities

Recommended storage temperature: 10 degrees C or lower

Shelf life: 10 years

Stability: Stable for 6 months under incubation at 40 degrees C

Other remarks: Pyrogen free antitoxin

Vaccine exportation: Once or twice by personal request

Production capacity: About 100 vials for 3 years

Stability at 8 ° C: 10 years

Stability at 37 ° C: 6 months

POLAND

Manufacturer: **BIOMED**  
Warsaw

Telephone:

Fax:

Telex:

Type of vaccine: Clostridium botulinum type A antitoxin equine

Proprietary name:

Available packaging:

Delivery time:

Recommended storage  
temperature:

Shelf life:

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

POLAND

Manufacturer: **BIOMED**  
Warsaw

Telephone:

Fax:

Telex:

Type of vaccine: Clostridium botulinum type B antitoxin equine

Proprietary name:

Available packaging:

Delivery time:

Recommended storage  
temperature:

Shelf life:

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

POLAND

Manufacturer: **BIOMED**  
Warsaw

Telephone:

Fax:

Telex:

Type of vaccine: Clostridium botulinum type E antitoxin equine

Proprietary name:

Available packaging:

Delivery time:

Recommended storage  
temperature:

Shelf life:

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

POLAND

Manufacturer: **BIOMED**  
Warsaw

Telephone:

Fax:

Telex:

Type of vaccine: Clostridium botulinum type ABE antitoxin equine

Proprietary name:

Available packaging:

Delivery time:

Recommended storage  
temperature:

Shelf life:

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

ROMANIA

Manufacturer: **CANTACUZINO INSTITUTE**  
Spaiul Independentei 103 , P.O. Box 1-525  
70-100 Bucharest

Telephone: 4016383800  
Fax: 4013122720  
Telex: 11808 CANTA R

Type of vaccine: Antigangrenosum mixed gas gangrene antitoxin

Proprietary name: Ser antigangrenos polyvalent purificat si  
concentrat

Available packaging: Boxes of 10 vials, one vial containing 10 000 A.I.U.  
perfringens, 10 000 A.I.U. oedematiens, 4 000 A.I.U.  
histolytotoxin

Delivery time: 1 year

Recommended storage  
temperature: 4 - 10 degrees C in the dark

Shelf life: 3 years

Stability: More than 3 years

Other remarks: The product is obtained from hyperimmunized  
horse serum, purified and concentrated by  
"Termoferm I" Method and preserved in 0.25%  
phenol

Vaccine exportation: No

Production capacity: 1000 vials/year

Stability at 8 ° C: 3 years

Stability at 37 ° C: not tested

RUSSIAN FEDERATION

**Manufacturer:** **IMMUNOPREPARAT Research Productive Association**  
Novorossiiskaya 105  
450024 Ufa Bashkortostan

Telephone: 010 7 3472 213169  
Fax: 010 7 3472 213196  
Telex: 162197 POTOK

**Type of vaccine:** Clostridium botulinum Antitoxin (Equine) Types A, B, E

**Proprietary name:** Clostridium botulinum Antitoxin Types A, B, E Purified Concentrated Liquid

**Available packaging:** 5 x 1 dose of monovalent serum + 5 x 1 ml of equine serum diluted 1:100

**Delivery time:** 3 months

**Recommended storage temperature:** 5°C (+/-) 3°C

**Shelf life:** 2 years

**Stability:** During shelf life

**Other remarks:**

**Vaccine exportation:**

**Production capacity:**

**Stability at 8 ° C:**

**Stability at 37 ° C:** Store only at 5° (+/-) 3°C

RUSSIAN FEDERATION

Manufacturer: **IMMUNOPREPARAT Research Productive Association**  
Novorossiiskaya 105  
450024 Ufa Bashkortostan

Telephone: 010 7 3472 213169

Fax: 010 7 3472 213196

Telex: 162197 POTOK

Type of vaccine: Tetra (Tri) Toxoid (Cl.botulinim toxoid types A,B, E + tetanus toxoid)

Proprietary name: Tetra (Tri) toxoid purified adsorbed

Available packaging: 10 x 3 dose ampoules

Delivery time: 3 months

Recommended storage temperature: 6°C (+/-) 2°C

Shelf life: 1 year

Stability: During shelf life

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C: Store only at 6° (+/-)2°C

SWITZERLAND

Manufacturer: **SWISS SERUM AND VACCINE INSTITUTE  
BERNE**  
P.O. Box 2707  
CH-3001 Berne

Telephone: 41 31 980 6 111

Fax: 41 31 980 6 775

Telex: 912 618

Type of vaccine: Gas-gangrene antitoxin (from horse) liquid

Proprietary name: Gas-Gangrene Antitoxin berna

Available packaging: 200 I.U./ml: Vial of 10 ml=2000 I.U.; 1000 I.U./ml:  
Vial of 10 ml=10 000 I.U.; 2500 I.U./ml: Vial of 10  
ml=25 000 I.U.

Delivery time: A few days to several weeks

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 3 years

Stability: Stable under recommended storage conditions

Other remarks:

Vaccine exportation: Yes

Production capacity: upon demand

Stability at 8 ° C: 3 years

Stability at 37 ° C: 2 months

TURKEY

Manufacturer: **REFIK SAYDAM HYGIENE CENTER**  
Cemal Gursel Cad.  
Ankara

Telephone: 431 28 80  
Fax: 18 44 830  
Telex: RESAMENS - ANKARA

Type of vaccine: Polyvalent serum anti-gazgangren (Equinum),  
purified Concentrated

Proprietary name: Polivalan gazligangrenantitoksik beygir serumu

Available packaging: 20 cc vials, 10000 IU polyvalant/vial

Delivery time:

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 3 years

Stability: Stable under recommended storage conditions

Other remarks: Sufficient for local use only

Vaccine exportation: No

Production capacity: 6000 vials/year

Stability at 8 ° C: no data

Stability at 37 ° C: no data

