

BELGIUM

Manufacturer: **SMITHKLINE BEECHAM PHARMACEUTICALS**
89 rue de l'Institut
B-1330 Rixensart

Telephone: 32 2 656 8754
Fax: 32 2 656 9034
Telex: 63251 SB BIO B

Type of vaccine: Measles, live attenuated (Schwarz strain) min. 1000
CCID50/dose (0.5 ml of reconstituted vaccine); for
subcutaneous injection Freeze dried

Proprietary name: RIMEVAX (Registered)

Available packaging: Vials of 1 & 10 doses + diluent packed individually
or in bulk packs of 25, 50 and 100 (disposable or
prefilled syringes upon request)

Delivery time: vials of 1 dose x 1:6 weeks-Vials of 1 dose x 100: 4
weeks: vials of 1 dose x 25: ex stock-Vials of 10 doses
x 50: ex stock

Recommended storage
temperature: 2 - 8 degrees C for vaccine, may be frozen at -20 deg C

Shelf life: Freeze-dried vaccine 2 years; reconstituted vaccine
8 hours(both at 2 deg C and 8 deg C)

Stability: Freeze-dried vac. 10 wks 20 deg; 5 wks 37 deg; 7 days
45 deg

Other remarks: These data give an indication on the stability of the
vaccine and are not storage recommendations

Vaccine exportation: Yes

Production capacity:

Stability at 8 ° C: 2 years

Stability at 37 ° C: 5 weeks

BRESIL

Manufacturer: **Biomanguinhos/FIOCRUZ**

Telephone:

Fax:

Telex:

Type of vaccine: Vacina contra o Sarampo

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: Live Measles Vaccine (Strain L-16)

Proprietary name: Live measles vaccine

Available packaging: Ampoules from 2 to 5 doses

Delivery time: 4 months

Recommended storage
temperature: Minus 10 - 4 degrees C

Shelf life: At 4 degrees C, 6 months; at -10 degrees C, 1 year

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: Measles vaccine, Live, Attenuated, with diluent
Freeze-dried

Proprietary name:

Available packaging: 1 dose vial with diluent, 10 dose vial with diluent

Delivery time: Dependent on quantities

Recommended storage temperature: 0 - 8 degrees C

Shelf life: 1 dose, 18 mo.; 10 dose, 24 mo. from final potency test

Stability: **MUST BE REFRIGERATED UNTIL USE**

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

CROATIA

Manufacturer: **INSTITUTE OF IMMUNOLOGY**
Rockefellerova 2
41000 Zagreb

Telephone: 385 1 430 333
Fax: 385 1 277 278
Telex: 21864 VACC HR

Type of vaccine: Measles Vaccine (E-Zagreb, HDC), live, freeze dried

Proprietary name: ZAMOVAX

Available packaging: 1 box/50 vials/1 dose + diluent; 1 box/50 vials/5 doses + diluent; 1 box/50 vials/10 doses + diluent; 1 box/1 vial/1 dose + diluent

Delivery time: 3 months (smaller quantities could be delivered immediately)

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability: Satisfies WHO Requirements

Other remarks: One dose of 0.5 ml reconstituted vaccine contains not less than 1000 TCID₅₀ of measles virus

Vaccine exportation: Yes

Production capacity: 3 500 000 vials/year

Stability at 8 ° C: Loss of potency (log 10) at expire date: 0.2

Stability at 37 ° C: Loss of potency (log₁₀) after 7 days: 0.59

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: Measles vaccine, live attenuated Freeze dried

Proprietary name: MOVIVAC SEVAC

Available packaging: 1x5 vials, one vial / 2 or 4 doses

Delivery time: 9 months

Recommended storage temperature: below 0 degrees C

Shelf life: 1 year

Stability: decrease of virus at storage temp (-18°C) at log₁₀ TCID 50: 0.1/year (measles)

Other remarks: Schwarz strain (measles)

Vaccine exportation: No

Production capacity: 0.3 mil doses / year

Stability at 8 ° C: decrease of virus per year: 0.6 (measles)

Stability at 37 ° C: decrease of virus per week: 1.6 (measles) All stability data are expressed as a decrease of virus concentration (log 10 TCID 50)

FRANCE

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

Telephone: 78 73 77 07
Fax: 310627 IM LYON
Telex:

Type of vaccine: Vaccin a virus vivant hyperattenué contre la rougeole, souche Schwarz, culture primaire, cell. d'embryons de poulet

Proprietary name: ROUVAX

Available packaging: Boite, 1 flacon 1 dose vaccin lyophilisé + 1 seringue ou 1 ampoule de solvant; boite, 10 flacons 1 dose vaccin + boite 10 seringues ou ampoules de solvant; 10 flacons, 50 doses

Delivery time: Entre 2 et 4 semaines en fonction de la quantité

Recommended storage temperature: 2 - 8 degrés C. A l'abri de la lumière

Shelf life: 2 ans

Stability: A condition de respecter les normes de conservation

Other remarks: La dose unitaire de vaccin sous forme lyophilisée renferme: au moins 1000 DICT50 de virus vivant hyperattenué de la

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

INDIA

Manufacturer: **SERUM INSTITUTE OF INDIA LTD.**
212/2, Hadapsar
Pune - 411028

Telephone: 91 212 672016
Fax: 91 212 672040
Telex: 145 7317 SERA IN/145 7216 SEAL IN

Type of vaccine: Live Virus (Edmonston-Zagreb Strain) on Human Diploid Cell Minimum 1000 TCID₅₀ per 0.5 ml dose (lyophilised)

Proprietary name: Sii Measles Vaccine, I.P./B.P.

Available packaging: 0.5 ml in Single dose vial, 2.5 ml in 5 doses vial, 5 ml in 10 doses vial supplied with sterile diluent

Delivery time: Ex-Stock

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability: Stable under recommended storage conditions

Other remarks:

Vaccine exportation: Yes

Production capacity: 150 million doses

Stability at 8 ° C: 36 months

Stability at 37 ° C: 14 days

INDONESIA

Manufacturer: **PERUM BIO FARMA (PASTEUR INSTITUTE)**
28 Jl. Pasteur P.O. Box 1136
Bandung 40161

Telephone: 022 233 755
Fax: 022 213 406
Telex: 28432 biofar la.

Type of vaccine: Measles, live further attenuated (Schwarz strain)

Proprietary name: Vaksin Campak Kering

Available packaging: Vial at 10 doses and 5 ml dilution liquid

Delivery time: 3 months

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability:

Other remarks: Contains not less than 1000 TCID50 per dose of 0.5 ml

Vaccine exportation: not yet

Production capacity: 2 million vials/year

Stability at 8 ° C: 2 years

Stability at 37 ° C: 3 weeks

ITALY

Manufacturer: **BIOCINE; Director of Regulatory Compliance**
Via Fiorentina, 1
53100 Siena

Telephone: (0577) 243111
Fax: 0577 243 074
Telex: 573479 BIOCIN I

Type of vaccine: Measles Virus Vaccine, Live, Attenuated (Schwarz strain) Freeze dried preparation

Proprietary name: MORBILVAX®

Available packaging: 0.5 ml vial (1 dose) + 0.5 ml amp. of diluent; 5 ml vial (10 doses) + 5 ml amp of diluent

Delivery time: 6 - 8 weeks

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability: Stable under recommended storage conditions

Other remarks:

Vaccine exportation: yes

Production capacity: highly flexible, depending on requirements

Stability at 8 ° C: 2 years

Stability at 37 ° C: 7 days

JAPAN

Manufacturer:

THE KITASATO INSTITUTE
5-9-1 Shirogane, Minato-ku
Tokyo 108

Telephone: 03 3444 6161

Fax: 03 3444 6316

Telex: 242 3738 KUL IB

Type of vaccine: Measles Vaccine, live attenuated, freeze dried

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:

JAPAN

Manufacturer: **THE RESEARCH FOUNDATION FOR
MICROBIAL DISEASES OF OSAKA UNIVERSITY**
3-1 Yamada-Oka, Suita
Osaka

Telephone: 06 (877) 5121
Fax: 06 876 1984
Telex: BIKEN-ZAIDAN SUITA JAPAN

Type of vaccine: Live Attenuated Measles Vaccine Freeze-dried

Proprietary name: Measles Virus Vaccine 'BIKEN CAM' Live
Attenuated

Available packaging: 50 dose, 20 dose, 10 dose/vial

Delivery time: depends on quantities

Recommended storage
temperature: 5 degrees C or lower

Shelf life: 2 years

Stability:

Other remarks:

Vaccine exportation: Yes

Production capacity: Not less than 38,000,000 doses/year (10 dose/vial)

Stability at 8 ° C: Titer loss at 5°C for 24 months: -0.5 (log)

Stability at 37 ° C: Titer loss at 37°C for 7 days: -0.6- -0.7 (log)

KOREA

Manufacturer: **DONG SHIN PHARMACEUTICAL CO., LTD**
355-2 Seogyo-dong ,Mapo-ku
Seoul

Telephone: 324-7111-5
Fax: VITAPHA K27579
Telex: VITAPHARM SEOUL

Type of vaccine: Measles Virus Vaccine, live attenuated Freeze-dried

Proprietary name: Lirugen

Available packaging: 1 dose (solvent and disposable syringe attached separately)

Delivery time: 4 months

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 1 year

Stability:

Other remarks: Each vial contains measles virus, live attenuated (Schwarz strain) 1000 TCID50; Albumin Human

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

MEXICO

Manufacturer: **GERENCIA GENERAL DE BIOLOGICOS Y REACTIVOS**
Amores 1240 Colonia del Valle
03100 D.F.

Telephone: 575 83 01
Fax: 575 49 77
Telex:

Type of vaccine: Measles Vaccine Strain E.Z. Freeze-dried

Proprietary name: Vacuna Antisarampionosa Tipo E.Z.

Available packaging: 10 Doses

Delivery time:

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability: The vaccine retains at least 3.3 log 10/dose after the thermostability test

Other remarks:

Vaccine exportation: Not yet

Production capacity: 10 Million doses per year

Stability at 8 ° C: Average loss 0.01 log10/month

Stability at 37 ° C: Average loss 0.7 log10/month

PAKISTAN

Manufacturer: **NATIONAL INSTITUTE OF HEALTH, Biological
Production Division
Government of Pakistan
Islamabad**

Telephone: 240797
Fax: 240544/515
Telex:

Type of vaccine: Measles Live Attenuated Freeze-dried

Proprietary name:

Available packaging: 10 dose vials with diluent USP specification

Delivery time: 2-3 months from order receipt depending on
quantity requested

Recommended storage
temperature: -30 deg C (quarantine temp.), 2-8 deg C (shelf
temperature)

Shelf life: 2 years, if kept at recommended storage
temperature

Stability: Stable under recommended storage condition

Other remarks: Injections for Infant's immunization

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: Measles attenuated live vaccine-Schwarz strain

Proprietary name: Vaccin viu rujeolos (VVR)

Available packaging: Vials containing 1-10 doses; boxes of 10 vials

Delivery time: Small amounts on request; larger amounts by 6 months advance firm order

Recommended storage temperature: 10 degrees C in the dark

Shelf life: 2 years

Stability: More than 2 years if stored under recommended storage conditions

Other remarks: A dose of vaccine is 0.5 ml, and contains 1000 DICT 50/dose

Vaccine exportation: No

Production capacity: 1 000 000 doses

Stability at 8 ° C: More than 14 days

Stability at 37 ° C: 2-3 days

RUSSIAN FEDERATION

Manufacturer: **MOSCOW RESEARCH INSTITUTE FOR VIRAL PREPARATIONS**
1 Dubrovskaya 15
109088 Moscow

Telephone: 276 11 91
Fax:
Telex:

Type of vaccine: Measles (Leningrad-16 strain) Freeze-dried

Proprietary name: Live measles vaccine - Vaccinum morbillorum vivum

Available packaging: 1 dose; 2 dose; 10 dose ampoules or vials

Delivery time: 3 months

Recommended storage temperature: 4 degrees C

Shelf life: 1 year

Stability: Stable under recommended storage conditions

Other remarks: Titer of vaccine stable for 2 years at -40 deg C, for 30 days at 22 deg C and for 5 days at 37 deg C

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° 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: Live vaccine for active immunization against
measles (Edmonston-Zagreb strain) and Mumps
(Rubini strain)

Proprietary name: Biviraten Berna

Available packaging: Vial of lyophilized vaccine with a. solvent-
containing syringe or b. solvent, 1 vaccination

Delivery time: A few days to several weeks

Recommended storage
temperature: 2 - 8 degrees C

Shelf life: 18 months

Stability: Stable under recommended storage conditions

Other remarks: Since Biviraten Berna contains no avian proteins,
not antibiotics, this vaccine is also suitable for
people who are sensitized to such components

Vaccine exportation: yes

Production capacity: upon demand

Stability at 8 ° C: 18 months

Stability at 37 ° 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: Live vaccine for active immunization against measles (Edmonston-Zagreb strain) and rubella (Wistar RA 27/3 strain)

Proprietary name: Measles-Rubella Vaccine Berna

Available packaging: Vial of lyophilized vaccine with a. solvent-containing syringe or b. solvent, 1 vaccination

Delivery time: A few days to several weeks

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability: Stable under recommended storage conditions

Other remarks: Since Measles-Rubella Vaccine Berna contains no avian proteins, nor antibiotics, this vaccine is also suitable for people who are sensitized to such components

Vaccine exportation: Yes

Production capacity: upon demand

Stability at 8 ° C: 2 years

Stability at 37 ° 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: Live vaccine for active immunization against
measles (Edmonston-Zagreb strain)

Proprietary name: Moraten (HDC) Berna

Available packaging: Vial of lyophilized vaccine & solvent-containing
syringe for 1 and 10 vaccinations; Vial of
lyophilized vaccine & solvent for 1 and 10
vaccinations

Delivery time: A few days to several weeks

Recommended storage
temperature: 2 - 8 degrees C

Shelf life: 2 years

Stability: Stable under recommended storage conditions

Other remarks: Since Moraten Berna contains no avian proteins,
nor antibiotics, this vaccine is also suitable for
people who are sensitized to such components

Vaccine exportation: Yes

Production capacity: upon demand

Stability at 8 ° C: 24 months

Stability at 37 ° 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: Human measles immunoglobulin

Proprietary name: Moruman Berna

Available packaging: Vial of 2 ml = 100 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

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: Live vaccine for active immunization against measles (Edmonston-Zagreb strain), mumps (Rubini strain) and rubella (Wistar RA 27/3 strain)

Proprietary name: Triviraten Berna

Available packaging: Vial of lyophilized vaccine with a. solvent-containing syringe or b: solvent, 1 vaccination, 10 x 1 vaccination

Delivery time: A few days to several weeks

Recommended storage temperature: 2 - 8 degrees C

Shelf life: 18 months

Stability: Stable under recommended storage conditions

Other remarks: Since Triviraten Berna contains no avian proteins, nor antibiotics, this vaccine is also suitable for people who are sensitized to such components

Vaccine exportation: Yes

Production capacity: upon demand

Stability at 8 ° C: 18 months

Stability at 37 ° C:

UNITED KINGDOM

Manufacturer: **EVANS MEDICAL LTD**
Biological Drive
Speke, Liverpool L24

Telephone: 057-486-1866
Fax: 878708 EMHLOR G
Telex: Fax: 051-486-5033

Type of vaccine: Live Attenuated Measles Vaccine BP (Schwarz strain)

Proprietary name: Mevilin-L

Available packaging: 1 dose and 10 dose vials (supplied with or without ampoules of water for injection)

Delivery time: Variable dependent on size of order and factory commitments

Recommended storage temperature: 2 - 10 degrees C

Shelf life: 1 year

Stability: Reconstituted vaccine retains potency 1 hr 37 deg, 24 hr 4 deg C

Other remarks: U.K. Distributor: Evans Medical Ltd

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

