

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/Mumps/Rubella live attenuated (Schwarz, Urabe Am 9, RA 27/3 strains) Freeze-dried, for subcutaneous injection. Min 1000 CCID50 measles virus, 20.000 CCID50 mumps virus & 1000 CCID 50 rubella virus /dose (0.5 ml of reconstituted vaccine)

Proprietary name: **PLUSERIX (Registered)**

Available packaging: Vials 1, 10 doses+diluent, packed indiv. or in bulk of 25,50,100 (disposable or prefilled syr. on req.)

Delivery time: Between 4 and 12 weeks depending on quantities

Recommended storage temperature: 2-8 deg, vaccine may be frozen @ -20 deg, avoid heat and light

Shelf life: Freeze-dried: 2 yrs, Reconstituted: 8 hrs. Both @ 2-8 deg.

Stability: Freeze dried vaccine: 2 years at 2-8 deg C, 8 weeks at +20 deg C/+25 deg C, 2 weeks at 37 deg. C; 3 days at 45 Deg C

Other remarks: These data give an indication of 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: 2 weeks

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, Rubella and Mumps vaccine (E-Zagreb, RA 27/3 and L-Zagreb CEF), live, freeze dried

Proprietary name: ZATRIVAX

Available packaging: 1 box/50 vials/1 dose + diluent; 1 box/50 vials/5 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: Satisfied WHO Requirements

Other remarks: One dose of 0.5 ml of reconstituted vaccine contains not less than 5000 TCID₅₀ of measles virus, not less than 1000 TCID₅₀ of rubella virus and not less than 4000 TCID₅₀ of mumps virus

Vaccine exportation: Yes

Production capacity: 350 000 vials/year

Stability at 8 ° C: Loss of potency at expire date: measles - 0.1 rubella - none mumps - 0.1

Stability at 37 ° C: Loss of potency (log 10) after 7 days: measles - 0.42; rubella - 0.10; mumps 0.41

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, Mumps and Rubella vaccine, live attenuated Freeze dried

Proprietary name: TRIVIVAC SEVAC

Available packaging: 1x5 vials, one vial per 2 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 TCID₅₀: 0.1/year (measles), 0.05/year (mumps), 0.003/year (rubella)

Other remarks: Jeryl Lynn strain of mumps virus, Schwarz strain (measles), Wistar RA 27/3 (rubella)

Vaccine exportation: No

Production capacity: 0.4 mil doses / year

Stability at 8 ° C: decrease of virus per year: 0.6 (measles), 0.3 (mumps), 0.3 (rubella)

Stability at 37 ° C: decrease of virus per week: 1.6 (measles), 0.9 (mumps), 0.5 (rubella) All stability data are expressed as a decrease of virus concentration (log₁₀ TCID₅₀)

FRANCE

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

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

Type of vaccine: Measles-Mumps-Rubella Combined

Proprietary name: TRIMOVAX-ROR-IMOVAX ROR, TRIMOVAX
MERIEUX-COMVAC-IMMRAVAX

Available packaging: Single dose, multidose (if required)

Delivery time: 3 weeks (small quantities), 2 months (larger
quantities)

Recommended storage
temperature: +4 deg C

Shelf life: 2 years

Stability: One week at 37 deg C

Other remarks:

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: Measles, mumps and rubella virus vaccine live
U.S.P. Measles 1000 CCID50 , Mumps 5000 CCID50,
Rubella 1000 CCID50 per 0.5 ml Dose

Proprietary name: TRESIVAC LYOPHILISED

Available packaging: 0.5 ml single dose 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: No

Production capacity: 6 million doses

Stability at 8 ° C: 30 months

Stability at 37 ° C: 14 days

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, Mumps and Rubella Vaccine, Live,
Attenuated Freeze dried preparation

Proprietary name: MORUPAR®

Available packaging: 0.5 ml vial (1 dose) + 0.5 ml amp. of diluent; 0.5 ml
vial (1 dose) + 0.5 ml prefilled syringe 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

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, Mumps, and Rubella virus vaccine live
Freeze-dried

Proprietary name: LMR-3 Vaccine RIT

Available packaging: 1 dose

Delivery time: 6 months

Recommended storage
temperature: 2 - 8 degrees C

Shelf life: 1 year

Stability:

Other remarks: Each vial (0.5 ms) contains Measles virus, live
attenuated (Schwarz strain), not less than 1000
TCID50 (Urabe AM9)

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C:

NETHERLANDS

Manufacturer: **RIJKSINSTITUUT VOOR VOLKSGEZONDHEID
EN MILIEUHYGIENE (RIVM)**
PO Box 457
3720 BA Bilthoven

Telephone: 31 30 748010

Fax: 31 30 250610

Telex:

Type of vaccine: Vaccine against mumps, measles and rubella (live virus vaccine)

Proprietary name: MMR

Available packaging: Vial 0.5 ml (monodose); multidoses vial (5.0ml)

Delivery time:

Recommended storage temperature: 2 - 8 deg C

Shelf life: 21 months maximum

Stability:

Other remarks:

Vaccine exportation:

Production capacity:

Stability at 8 ° C:

Stability at 37 ° C: