



KabiPac®

The PE Infusion Bottle with efficient Duocap System

Overview of compatible drugs

The **KabiPac®** container system from Fresenius Kabi is made from Polyethylene. Based on internal Fresenius Kabi studies and on published references, the following drugs have been demonstrated to be compatible with container systems made from Polyethylene:

A Aciclovir sodium¹

Adenosine¹

Alemtuzumab¹

Amiodarone hydrochloride¹

Amoxicillin sodium/Clavulanic acid¹

Amoxicillin sodium¹

Amphotericin B¹

Ampicillin sodium¹

Ascorbic acid¹

Asparaginase²

Atracurium besylate¹

B Bendamustine hydrochloride¹

Bleomycin sulfate¹

Busulfan¹

C Calcium folinate¹

Carboplatin¹

Carmustine³

Cefazolin sodium¹

Cefepime dihydrochloride¹

Cefotaxime sodium¹

Ceftazidime¹

Ceftriaxone disodium¹

Cefuroxime sodium¹

Cetuximab⁴

Chloroquine sulfate⁵

Chlorpromazine hydrochloride¹

Ciclosporin¹

Ciprofloxacin¹

Cisatracurium besylate¹

Cisplatin¹

Cladribine¹

Clindamycin phosphate¹

Clodronate disodium¹

Clorazepate dipotassium⁶

Cytarabine¹

D Dacarbazine¹

Daunorubicin hydrochloride¹

Dexrazoxane hydrochloride¹

Diazepam¹

Digoxin¹

Dobutamine hydrochloride¹

Docetaxel¹

Dopamine hydrochloride¹

Doripenem⁷

Doxorubicin hydrochloride¹

E Epinephrine hydrochloride¹

Epirubicin hydrochloride¹

Erythromycin lactobionate¹

Esomeprazole sodium¹

Estramustine¹

Etoposide¹

F Fentanyl citrate¹

Fluconazole¹

Fludarabine phosphate¹

Fluorouracil¹

Folic acid¹

Furosemide¹

G Gemcitabine hydrochloride¹

Gentamicin sulfate¹

Granisetron¹

H Heparin sodium¹

Hydrocortisone sodium succinate¹

I Ifosfamide/Mesna¹

Ifosfamide¹

Imipenem/Cilastatin sodium⁸

Insulin¹

Irinotecan¹

Isoprenaline hydrochloride¹

Isosorbide dinitrate¹



**FRESENIUS
KABI**

caring for life

Fresenius Kabi Deutschland GmbH
Else-Kröner-Straße 1
61352 Bad Homburg v.d.H.
Germany
Phone: +49 (0) 61 72 686-0
www.fresenius-kabi.com

KabiPac® The PE Infusion Bottle with efficient Duocap System

K Ketamine hydrochloride¹

L Labetalol hydrochloride¹

Levobupivacaine hydrochloride¹

Levofloxacin RTU¹

Lidocaine hydrochloride¹

Linezolid RTU¹

Lorazepam¹

M Melphalan¹

Meropenem¹

Mesna¹

Methotrexate sodium¹

Methylprednisolone sodium succinate¹

Metoclopramide hydrochloride¹

Metronidazole RTU¹

Midazolam hydrochloride¹

Milrinone lactate¹

Mitomycin¹

Mitoxantrone hydrochloride¹

Morphine hydrochloride¹

Morphine sulfate¹

Moxifloxacin RTU¹

N Nitroglycerin¹

Norepinephrine bitartrate¹

O Octreotide¹

Omeprazole sodium¹

Ondansetron hydrochloride¹

Oxaliplatin¹

Oxytocin¹

P Paclitaxel¹

Pantoprazole sodium¹

Paracetamol¹

Pemetrexed¹

Phenytoin sodium¹

Piperacillin sodium/Tazobactam¹

Piperacillin sodium¹

Promethazine hydrochloride¹

Propofol¹

R Ranitidine hydrochloride¹

Remifentanyl hydrochloride¹

Riboflavin⁹

Rituximab¹⁰

Rocuronium bromide¹

S Sufentanil citrate¹

Suxamethonium chloride¹

T Tacrolimus¹

Temsirolimus¹

Thiamine hydrochloride¹

Thiopental sodium¹

Tirofiban¹

Topotecan¹

Trabectedin¹¹

Tramadol hydrochloride¹

Tropisetron hydrochloride¹²

V Vancomycin hydrochloride¹

Vecuronium bromide¹

Vinblastine sulfate¹

Vincristine sulfate¹

Vinflunine¹³

Vinorelbine tartrate¹

W Warfarin sodium⁵

Z Zoledronic acid¹

References

- 1 Internal Fresenius Kabi Study.
- 2 Stecher AL, de Deus PM, Polikarpov I, Abrahão-Neto J. Stability of L-asparaginase: an enzyme used in leukemia treatment. *Pharm Acta Helv.* 1999 Dec;74:1-9.
- 3 Hadji-Minaglou-Gonzalvez MF, Gayte-Sorbier A, Airaudo CB, Verdier M. Effects of temperature, solution composition, and type of container on the stability and absorption of carmustine. *Clin Ther.* 1992 Dec;14(6):821-4.
- 4 Merck. Product information: Cetuximab. 2011.
- 5 Martens HJ, De Goede PN, Van Loenen AC. Sorption of various drugs in polyvinyl chloride, glass, and polyethylene-lined infusion containers. *Am J Hosp Pharm.* 1990 Feb;47(2):369-73.
- 6 Airaudo CB, Gayte-Sorbier A, Bianchi C. Compatibility of diazepam (Valium®), lorazepam dipotassium salt (Tranxene®) and midazolam hydrochloride (Hypnovel®) with Stedim 6®, a new multilayer polyethylene-lined film for infusion bags: a comparative study with polyvinyl chloride bags. *J Clin Pharm Ther.* 1993 Dec;18(6):389-92.
- 7 Psathas PA, Kuzmission A, Ikeda K, Yasuo S. Stability of doripenem in vitro in representative infusion solutions and infusion bags. *Clin Ther.* 2008 Nov;30(11):2075-87.
- 8 Zeidler C, Dettmering D, Schrammel W, Spieteller M. Compatibility of various drugs used in intensive care medicine in polyethylene, PVC and glass infusion containers. *Eur J Hosp Pharm.* 1999;5:106-10.
- 9 Martens H. Stabilität wasserlöslicher Vitamine in verschiedenen Infusionsbeuteln. *Krankenhauspharmazie.* 1989.
- 10 Roche. Product information: Rituximab. 2009.
- 11 Pharma Mar S.A. Product information: Trabectedin. 2012.
- 12 Brigas F, Sautou-Miranda V, Normand B, Geneve S, Chopineau J. Compatibility of tropisetron with glass and plastics. Stability under different storage conditions. *J Pharm Pharmacol.* 1998 Apr;50(4):407-11.
- 13 Pierre Fabre. Product information: Vinflunine. 2009.



**FRESENIUS
KABI**
caring for life

Fresenius Kabi Deutschland GmbH
Else-Kröner-Straße 1
61352 Bad Homburg v.d.H.
Germany
Phone: +49 (0) 61 72 686-0
www.fresenius-kabi.com