

Stabilis



Sargramostim



Tradename

Leukine

United States of America



Factors which affect stability

	<chem>NaHCO3</chem>			335
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Compatibility

		Sargramostim Aciclovir sodium		3595
		Sargramostim : 10 µg/ml Aciclovir sodium : 7 mg/ml		335
		Sargramostim : 10 µg/ml Amikacin sulfate : 5 mg/ml		335
		Sargramostim : 10 µg/ml Aminophylline : 2.5 mg/ml		335
		Sargramostim : 10 µg/ml Amphotericin B : 0.6 mg/ml		335
		Sargramostim : 10 µg/ml Amphotericin B : 0.6 mg/ml		335
		Sargramostim : 10 µg/ml Ampicillin sodium : 20 mg/ml		335
		Sargramostim : 10 µg/ml Ampicillin sodium - sulbactam sodium : 20/10 mg/ml		335
		Sargramostim : 10 µg/ml Amsacrine : 1 mg/ml		335
		Sargramostim : 10 µg/ml Amsacrine : 1 mg/ml		335
		Sargramostim : 10 µg/ml Aztreonam : 40 mg/ml		335
		Sargramostim : 10 µg/ml Aztreonam : 40 mg/ml		99
		Sargramostim : 10 µg/ml Bleomycin sulfate : 1 mg/ml		335
		Sargramostim : 10 µg/ml Butorphanol tartrate : 0.04 mg/ml		335

		Sargramostim : 10 µg/ml Calcium gluconate : 40 mg/ml		335
		Sargramostim : 10 µg/ml Carboplatin : 5 mg/ml		335
		Sargramostim : 10 µg/ml Carmustine : 1.5 mg/ml		335
		Sargramostim : 10 µg/ml Cefazolin sodium : 20 mg/ml		335
		Sargramostim : 10 µg/ml Cefonicid sodium : 20 mg/ml		335
		Sargramostim : 10 µg/ml Cefoperazone sodium : 40 mg/ml		335
		Sargramostim : 10 µg/ml Ceforanide : 20 mg/ml		335
		Sargramostim : 10 µg/ml Cefotaxime sodium : 20 mg/ml		335
		Sargramostim : 6 §15 µg/ml Ceftazidime : 40 mg/ml		891
		Sargramostim : 10 µg/ml Ceftazidime : 40 mg/ml		335
		Sargramostim : 10 µg/ml Ceftizoxime sodium : 20 mg/ml		335
		Sargramostim : 10 µg/ml Ceftriaxone disodium : 20 mg/ml		335
		Sargramostim : 10 µg/ml Cefuroxime sodium : 30 mg/ml		335
		Sargramostim : 10 µg/ml Chlormethine hydrochloride : 1 mg/ml		335
		Sargramostim : 10 µg/ml Chlorpromazine hydrochloride : 2 mg/ml		335
		Sargramostim : 6 §15 µg/ml Ciclosporin : 5 mg/ml		891
		Sargramostim : 10 µg/ml Cimetidine hydrochloride : 12 mg/ml		335
		Sargramostim : 10 µg/ml Cisplatin : 1 mg/ml		335
		Sargramostim : 10 µg/ml Clindamycin phosphate : 10 mg/ml		335
		Sargramostim : 10 µg/ml Co-trimoxazole : 0.8/4 mg/ml		335
		Sargramostim : 10 µg/ml Cyclophosphamide : 10 mg/ml		335
		Sargramostim : 10 µg/ml Cytarabine : 50 mg/ml		335
		Sargramostim : 10 µg/ml Dacarbazine : 4 mg/ml		335
		Sargramostim : 10 µg/ml Dactinomycin : 10 µg/ml		335
		Sargramostim : 10 µg/ml Dexamethasone sodium phosphate : 1 mg/ml		335
		Sargramostim : 10 µg/ml Diphenhydramine hydrochloride : 1 mg/ml		335

		Sargramostim : 6 §15 µg/ml Dopamine hydrochloride : 1.6 mg/ml		891
		Sargramostim : 10 µg/ml Doxorubicin hydrochloride : 2 mg/ml		335
		Sargramostim : 10 µg/ml Doxycycline hyclate : 1 mg/ml		335
		Sargramostim : 10 µg/ml Droperidol : 0.4 mg/ml		335
		Sargramostim : 10 µg/ml Etoposide : 0.4 mg/ml		335
		Sargramostim : 10 µg/ml Famotidine : 2 mg/ml		335
		Sargramostim : 6 §15 µg/ml Fentanyl citrate : 50 µg/ml		891
		Sargramostim : 10 µg/ml Floxadine : 3 mg/ml		335
		Sargramostim : 10 µg/ml Fluconazole : 2 mg/ml		335
		Sargramostim : 10 µg/ml Fluorouracil : 16 mg/ml		335
		Sargramostim : 10 µg/ml Furosemide : 3 mg/ml		335
		Sargramostim : 10 µg/ml Ganciclovir sodium : 20 mg/ml		335
		Sargramostim : 10 µg/ml Gentamicin sulfate : 5 mg/ml		335
		Sargramostim : 10 µg/ml Granisetron hydrochloride : 0.05 mg/ml		182
		Sargramostim : 10 µg/ml Haloperidol lactate : 0.2 mg/ml		335
		Sargramostim : 10 µg/ml Heparin sodium : 100 UI/ml		335
		Sargramostim : 6 §15 µg/ml Heparin sodium : 100 UI/ml		891
		Sargramostim : 10 µg/ml Hydrocortisone sodium succinate : 1 mg/ml		335
		Sargramostim : 10 µg/ml Hydromorphone hydrochloride : 0.5 mg/ml		335
		Sargramostim : 10 µg/ml Hydroxyzine dihydrochloride : 4 mg/ml		335
		Sargramostim : 10 µg/ml Idarubicin hydrochloride : 0.5 mg/ml		335
		Sargramostim : 10 µg/ml Ifosfamide : 25 mg/ml		335
		Sargramostim : 10 µg/ml Imipenem - cilastatin sodium : 5 mg/ml		335
		Sargramostim : 10 µg/ml Lorazepam : 0.1 mg/ml		335
		Sargramostim : 10 µg/ml Lorazepam : 0.1 mg/ml		335
		Sargramostim : 10 µg/ml Magnesium sulfate : 100 mg/ml		335

		Sargramostim : 10 µg/ml Mannitol : 150 mg/ml		335
		Sargramostim : 10 µg/ml Mesna : 10 mg/ml		335
		Sargramostim : 10 µg/ml Methotrexate sodium : 15 mg/ml		335
		Sargramostim : 10 µg/ml Methylprednisolone sodium succinate : 5 mg/ml		335
		Sargramostim : 10 µg/ml Metoclopramide hydrochloride : 5 mg/ml		335
		Sargramostim : 10 µg/ml Metronidazole : 5 mg/ml		335
		Sargramostim : 10 µg/ml Minocycline hydrochloride : 0.2 mg/ml		335
		Sargramostim : 10 µg/ml Mitomycin : 0.5 mg/ml		335
		Sargramostim : 10 µg/ml Mitoxantrone dihydrochloride : 0.5 mg/ml		335
		Sargramostim : 10 µg/ml Morphine sulfate : 1 mg/ml		335
		Sargramostim : 10 µg/ml Nalbuphine hydrochloride : 10 mg/ml		335
		Sargramostim : 10 µg/ml Netilmicin sulfate : 5 mg/ml		335
		Sargramostim : 10 µg/ml Ondansetron hydrochloride : 0.5 mg/ml		335
		Sargramostim : 10 µg/ml Pentostatin : 0.4 mg/ml		335
		Sargramostim : 10 µg/ml Pethidine hydrochloride : 4 mg/ml		335
		Sargramostim : 10 µg/ml Piperacillin sodium : 40 mg/ml		335
		Sargramostim : 10 µg/ml Piperacillin sodium / tazobactam : 40/5 mg/ml		81
		Sargramostim : 10 µg/ml Potassium chloride : 100 mEq/l		335
		Sargramostim : 10 µg/ml Promethazine hydrochloride : 2 mg/ml		335
		Sargramostim : 10 µg/ml Sodium bicarbonate : 84 mg/ml		335
		Sargramostim : 10 µg/ml		335
		Sargramostim : 6 §15 µg/ml		891
		Sargramostim : 10 µg/ml Prochlorperazine edisilate : 0.5 mg/ml		335
		Sargramostim : 10 µg/ml Ranitidine hydrochloride : 2 mg/ml		335
		Sargramostim : 10 µg/ml Teniposide : 0.1 mg/ml		335
		Sargramostim : 10 µg/ml Ticarcillin / clavulanic acid : 31 mg/ml		335
		Sargramostim : 10 µg/ml Tobramycin sulfate : 5 mg/ml		335

	Sargramostim : 10 µg/ml Vancomycin hydrochloride : 10 mg/ml		335	
		Sargramostim : 6 µg/ml Vancomycin hydrochloride : 20 mg/ml		891
	Sargramostim : 15 µg/ml Vancomycin hydrochloride : 20 mg/ml		891	
	Sargramostim : 10 µg/ml Vinblastine sulfate : 0.12 mg/ml		335	
	Sargramostim : 10 µg/ml Vincristine sulfate : 0.05 mg/ml		335	
	Sargramostim : 10 µg/ml Zidovudine : 4 mg/ml		335	
		Sargramostim : 10 µg/ml		335



Route of administration


































References

	Type	Publication
81	Journal	Trissel LA, Martinez JF. Compatibility of piperacillin sodium plus tazobactam with selected drugs during simulated Y-site injection. Am J Hosp Pharm 1994 ; 51: 672-678.
99	Journal	Trissel LA, Martinez JF. Compatibility of aztreonam with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1995 ; 52: 1086-1090.
182	Journal	Trissel LA, Gilbert DL, Martinez JF. Compatibility of granisetron hydrochloride with selected drugs during simulated Y-site administration. Am J Health-Syst Pharm 1997 ; 54: 56-60.
335	Journal	Trissel LA, Bready BB, Kwan JW, Santiago NM. Visual compatibility of sargramostim with selected antineoplastic agents, anti-infectives, or other drugs during simulated Y-site injection. Am J Hosp Pharm 1992 ; 49: 402-406.
891	Journal	Matsuura G. Visual compatibility of sargramostim (GM-CSF) during simulated Y-site administration with selected agents. Hosp Pharm 1992 ; 27: 200, 202, 209.
3595	Manufacturer	Aciclovir - Summary of Product Characteristics Hospira 2009



Dictionary

 Various	 injection
 Tradename	 Factors which affect stability
 Solvent	 NaHCO ₃
 Induces	 Degradation
 Compatibility	 Compound
 References	 Unspecified incompatibility
 Incompatible	 Precipitation after 4 hours
 Sodium chloride 0,9%	 Compatible
 Immediate precipitation	 Glucose 5%
 Immediate turbidity	 Precipitation after 1 hour
 Precipitation after 30 minutes	 Turbidity in one hour
 Turbidity in 30 minutes	 Parenteral nutrition (binary mixture)
 Route of administration	 Intravenous infusion
 Continuous infusion	 Subcutaneous
 Continuous subcutaneous infusion	 References
 Dictionary	