



# King<sup>®</sup> Guide to Parenteral Admixtures<sup>®</sup> 產品介紹

智泉國際事業有限公司

## 介紹

- 自1971年以來，King Guide to Parenteral Admixtures(簡稱King Guide)被美國超過一半的醫院使用，當作是IV藥物兼容性和穩定性資訊的權威參考。
- King Guide獲得兩大機構JCAHO(美國醫療衛生機構認證聯合委員會)、NABP(美國藥事局全國聯合會)所認可。

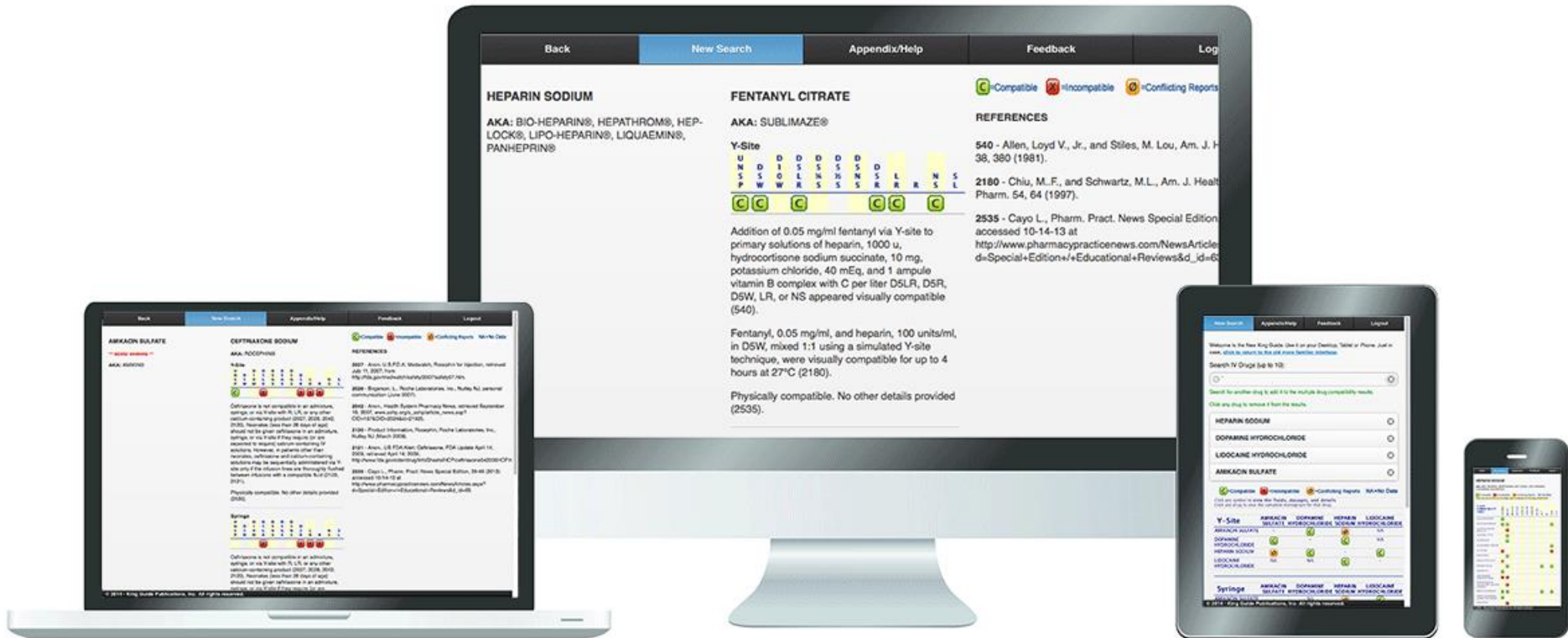
# 特色

- 透明度: King Guide **每季** 會公佈最更新的IV藥物資訊，使醫院專業人員，能夠透過量化的數據確定供藥訊息。
- 詳細資訊: 過去四十年來，提供每項已發表的研究結果明確及具體的參考文獻。
- 新知分享: 提供最新的、穩定的補充延伸資訊，例如醫院藥物短缺時，有哪些藥物能替補，讓醫院可以落實更好的藥物庫存管理，有效節省資金預算。

## 特色

- 文章皆經由同儕評審、實證基礎
- 同時收錄各醫學期刊出版的藥物資訊，及製藥廠的藥物資訊
- 收錄超過550種靜脈注射藥物和12種注射輸液
- 引用超過3000個參考文獻資訊
- 廣泛的TPN / TNA數據
- 內容每季持續更新。
- 檢索步驟簡單、結果清楚

# 可符合不同的載具裝置使用



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Welcome to the New King Guide. Use it on your Desktop, Tablet or Phone. Just in case, [click to return to the old more familiar interface](#).

Search IV Drugs (up to 10):

Type the first few letters of an IV drug.

輸入藥物名稱  
(一次最多可輸入  
10種不同藥物)

# 進行搜尋

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Search IV Drugs (up to 10):

dop

- DOPAMINE HYDROCHLORIDE
- DOPOSTAT®
- DOPRAM®

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找到檢索字詞後，  
請按“Enter”或直  
接點擊選項

系統具有智慧判  
字的能力，能主  
動收斂檢索範圍

# 單一藥物相容性檢視

可再新增藥物，  
看藥物之間的相  
容性結果

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Welcome to the New King Guide. Use it on your Desktop, Tablet or Phone. [Mobile Interface.](#)

Search for Drugs (up to 10):

Search for another drug to view drug/drug compatibility with DOPAMINE HYDROCHLORIDE.

DOPAMINE HYDROCHLORIDE ✕

**Y-SITE**  
Click to view drugs... 146 Drugs ➤

**SYRINGE**  
Click to view drugs... 14 Drugs ➤

**ADMIXTURE**  
Click to view drugs... 98 Drugs ➤

以列表方式查看  
其它混合方法

C=Compatible X=Incompatible Ø=Conflicting Reports NA=No Data

## DOPAMINE HYDROCHLORIDE

\*\*\* BOXED WARNING \*\*\*

AKA: DOPOSTAT®, INTROPIN®

### DESCRIPTION

Dopamine is marketed in a variety of ampules, vials, and syringes. It is a clear, colorless solution which may contain sodium bisulfite as an antioxidant. The pH of the solution is in the range of 2.5 to 5.5 and is adjusted with sodium hydroxide and/or hydrochloric acid (988). - [988](#)

藥物的  
其它名稱

### STABILITY

U N S P	D S W	D 1 0 W	D 5 L R	D 5 ¼ S	D 5 ½ S	D 5 N S	D 5 R	L R	R	N S	S L
	<span>C</span>	<span>C</span>	<span>C</span>	<span>C</span>	<span>C</span>	<span>C</span>	<span>C</span>	<span>C</span>		<span>C</span>	<span>C</span>

在不同溶液中的穩定性

Dopamine hydrochloride must be diluted prior to administration. It is recommended that one ampule (5 ml containing 200 mg dopamine) be added to 250ml or 500 ml of D5W, D5LR, D5½S, D5NS, LR, NS, or Sod Lac 1/6 M (238). - [238](#)

800 mg dopamine per liter of D5W, D5LR, D5½S, D5NS, LR, NS, or SL was physically and chemically compatible for 48 hours at room temperature in PCV container. Also physically and chemically compatible for 7 days at 5°C (glass container) (239). - [239](#)



# 新增一個藥物

新增一個藥物，  
看藥物之間的相  
容性結果

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Welcome to the New King Guide. Use it on your Desktop, Tablet or Phone. Just in case, [click to return to the old more familiar interface.](#)

Search IV Drugs (up to 10):

ampi

- AMPICILLIN SODIUM
- AMPICILLIN SODIUM - SULBACTAM SODIUM
- DOPAMINE HYDROCHLORIDE

**SYRINGE**  
Click to view drugs... 14 Drugs

**ADMIXTURE**  
Click to view drugs... 98 Drugs

### DOPAMINE HYDROCHLORIDE

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#### DESCRIPTION

Dopamine is marketed in a variety of ampules, vials, and syringes. It is a clear, colorless solution which may contain sodium bisulfite as an antioxidant. The pH of the solution is in the range of 2.5 to 5.5 and is adjusted with sodium hydroxide and/or hydrochloric acid (988). - [988](#)

#### STABILITY

U	D	D	D	D	D	D	D	D	L	N	S
N	S	1	S	S	S	S	S	S	R	S	S
S	S	0	L	¼	½	N	S	R	L	R	S
P	W	W	R	S	S	S	S	R	R	R	S

Dopamine hydrochloride must be diluted prior to administration. It is recommended that one ampule (5 ml containing 200 mg dopamine) be added to 250ml or 500 ml of D5W, D5LR, D5½S, D5NS, LR, NS, or Sod Lac 1/6 M (238). - [238](#)

800 mg dopamine per liter of D5W, D5LR, D5½S, D5NS, LR, NS, or SL was physically and chemically compatible for 48 hours at room temperature in PCV container. Also physically and chemically compatible for 7 days at 5°C (glass container) (239). - [239](#)

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# 兩種藥物的相容性結果範例

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Search IV Drugs (up to 10):

Search for another drug to view multiple drug compatibility results.

Click any drug to remove it from the results.

**DOPAMINE HYDROCHLORIDE** ✕

**AMPICILLIN SODIUM**

**DOPAMINE HYDROCHLORIDE**

\*\*\* BOXED WARNING \*\*\*

Combined with:  
**AMPICILLIN SODIUM**

Special Sections:  
[AMPICILLIN SODIUM](#)

**Y-Site**

U	D	D	D	D	D						
N	S	S	S	S	S	D					
S	S	0	L	¼	½	N	S	L	R	R	N
P	W	W	R	S	S	S	R	R	R	S	S

✕

Incompatible. No other details provided (2535).

**Syringe**  
No other information available.

**Admixture**

U	D	D	D	D							
N	S	S	S	S	S	D					
S	S	0	L	¼	½	N	S	L	R	R	N
P	W	W	R	S	S	S	R	R	R	S	S

✕ ∅

Admixture of 200 mg dopamine and 1 g ampicillin in 250 ml D5W, stable for only 1 hour. Six hours after admixture, there is a 36% loss of ampicillin potency. The solution turned pink 3 hours after

C=Compatible    ✕=Incompatible    ∅=Conflicting Reports    NA=No Data

**REFERENCES**

324 - Gardella, Libero A., Kes Zaroslinski, John F., Am. J.Hosp. Pharm., 33, 537 (1976).

2535 - Cayo L., Pharm. Pract News Special Edition, 29-46 (2013) accessed 10/14/14 at <http://www.pharmacypracticenews.com/Disease-Spotlight/Article/09-13/Compatibility-of-Commonly-Used-IV-Drugs/24095>

**參考文獻**

**特別部分**

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# 特別部分的範例說明

## AMPICILLIN SODIUM (cont'd-1) Issued 9/88

## AMPICILLIN SODIUM (cont'd-1)

Extensive stability data for additional concentration levels have been presented (84) and are in general agreement with Ref. 64. At final concentrations of 20 mg/ml ampicillin in D5W and 0.9% sodium chloride, the following stability characteristics were observed (105).

Activity of Ampicillin in 0.9% Sodium Chloride				Activity of Ampicillin in 5% Dextrose			
% of original activity*				% of original activity*			
Storage time	Storage temperature			Storage time	Storage temperature		
	-20°C	5°C	25°C		-20°C	5°C	25°C
1/2 hr.	100:100	100:100	98:100	1/2 hr	95:95	100:98	94:94
4 hr.	97:94	100:99	98:94	4 hr.	95:94	100:98	91:81
8 hr.	96:93	97:97	98:94	8 hr.	90:92	98:97	77:76
24 hr.	93:91	96:97	88:82	24 hr.	83:83	98:89	57:63
2 days	92:87	96:81	78:77	2 days	66:65	97:73	39:52

\*% activity figures represent 2 different lots

The following findings have also been published (168).

### Stability of Ampicillin Solutions (1 mg/ml)

Fluid	% Initial Activity			Fluid	% Initial Activity			
	Storage Time	Storage 4°C	Temp. 25°C		Storage Time	Storage 4°C	Temp. 25°C	
D5W	1 hr.	93	92	NS (cont.)	12 hr.	97	100	
	4 hr.	100	94		24 hr.	100	100	
	12 hr.	94	98		LR	1 hr.	98	100
	24 hr.	89	79			4 hr.	89	78
D10W	1 hr.	89	98		24 hr.	78	51	
	4 hr.	88	82		24 hr.	74	29	
	12 hr.	81	71	Isolyte M	1 hr.	100	100	
	24 hr.	79	62		4 hr.	100	100	
D5NS	1 hr.	88	94		12 hr.	100	100	
	4 hr.	81	76		24 hr.	100	100	
	12 hr.	78	72	Isolyte P	1 hr.	100	100	

# 增加第三種藥物

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Search: hep








HEPARIN SODIUM  
HEPATAMINE®  
HEPATHROM®  
HEP-LOCK®

**AMPICILLIN SODIUM**

**Special Sections:**  
[AMPICILLIN SODIUM](#)

**Y-Site**

U	D	D	D	D	D				
N	1	5	5	5	5	D			
S	0	L	¼	½	N	S	L	R	N
P	W	W	R	S	S	R	R	R	S








      

Incompatible. No other details provided (2535).

**Syringe**  
 No other information available.

**Admixture**

U	D	D	D	D	D				
N	1	5	5	5	5	D			
S	0	L	¼	½	N	S	L	R	N
P	W	W	R	S	S	R	R	R	S

Admixture of 200 mg dopamine and 1 g ampicillin in 250 ml D5W, stable for only 1 hour. Six hours after admixture, there is a 36% loss of ampicillin potency. The solution turned pink 3 hours after

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# 三種藥物的相容性結果範例

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Search IV Drugs (up to 10):

Search for another drug to add it to the multiple drug compatibility results.

Click any drug to remove it from the results.

C=Compatible
X=Incompatible
Ø=Conflicting Reports
NA=No Data

Click any symbol to **view the fluids, dosages, and details** for the combination.  
Click any drug to view the complete monograph for that drug.

Y-Site	AMPICILLIN SODIUM	DOPAMINE HYDROCHLORIDE	HEPARIN SODIUM
AMPICILLIN SODIUM	-	X	C
DOPAMINE HYDROCHLORIDE	X	-	C
HEPARIN SODIUM	C	C	-

Syringe - No Information Available

Admixture	AMPICILLIN SODIUM	DOPAMINE HYDROCHLORIDE	HEPARIN SODIUM
AMPICILLIN SODIUM	-	Ø	Ø
DOPAMINE HYDROCHLORIDE	Ø	-	C
HEPARIN SODIUM	Ø	C	-

**Caution:** The compatibility of two or more drugs in the same IV line/container should not be inferred from information presented here, unless data on that specific combination has actually been reported within the text of the monograph.

可點擊任一相容性符號來查看詳細的內容

# 四種藥物的相容性結果範例

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Search IV Drugs (up to 10):



Search for another drug to add it to the multiple drug compatibility results.

Click any drug to remove it from the results.

DOPAMINE HYDROCHLORIDE ✕

AMPICILLIN SODIUM ✕













HEPARIN SODIUM ✕

POTASSIUM CHLORIDE ✕













=Compatible =Incompatible =Conflicting Reports NA=No Data

Click any symbol to view the fluids, dosages, and details for the combination.

Click any drug to view the complete monograph for that drug.

Y-Site	AMPICILLIN SODIUM	DOPAMINE HYDROCHLORIDE	HEPARIN SODIUM	POTASSIUM CHLORIDE
AMPICILLIN SODIUM	-			
DOPAMINE HYDROCHLORIDE		-		
HEPARIN SODIUM			-	
POTASSIUM CHLORIDE				-

Syringe - No Information Available

Admixture	AMPICILLIN SODIUM	DOPAMINE HYDROCHLORIDE	HEPARIN SODIUM	POTASSIUM CHLORIDE
AMPICILLIN SODIUM	-			
DOPAMINE HYDROCHLORIDE		-		
HEPARIN SODIUM			-	
POTASSIUM CHLORIDE				-

**Caution:** The compatibility of two or more drugs in the same IV line/container should not be inferred from information presented here.

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## DOPAMINE HYDROCHLORIDE

\*\*\* BOXED WARNING \*\*\*

AKA: DOPOSTAT®, INTROPIN®

C = Compatible    
 X = Incompatible    
 Ø = Conflicting Reports    
 NA = No Data

Click any row to view the complete text monograph for the drug combination.

Y-SITE COMPATIBILITY TABLE	U N S P	D S W	D 1 0 W	D 5 L R	D 5 ¼ S	D 5 ½ S	D 5 N S	D 5 R	L R	R	N S	S L
ACYCLOVIR SODIUM	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">X</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">X</span>										
ALATROFLOXACIN MESYLATE		<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>										
ALCOHOL, ETHYL		<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>										
ALDESLEUKIN		<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>										
ALPROSTADIL	<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>					<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>						
ALTEPLASE		<span style="border: 1px solid orange; border-radius: 50%; padding: 2px;">Ø</span>									<span style="border: 1px solid orange; border-radius: 50%; padding: 2px;">Ø</span>	
AMIFOSTINE		<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>										
AMIKACIN SULFATE	<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>											
AMINOSYN II		<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>										
AMIODARONE HYDROCHLORIDE	<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>											<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>
AMPHOTERICIN B CHOLESTERYL SULFATE COMPLEX		<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">X</span>										
AMPICILLIN SODIUM	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">X</span>											
ANIDULAFUNGIN	<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>	<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">C</span>										

點擊任何一行可  
看到詳細的內容

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- + Appendix 2 (Abbo-Vac Solutions)
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- + Compatibility Symbols
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- + Conflicting Reports
- + Compatibility of Multiple Drug Admixtures
- + Frequently Asked Questions







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- + Appendix 1 (Fluids A-H)
- + Appendix 2 (Abbo-Vac Solutions)
- + Infusion Fluid Abbreviations
- Compatibility Symbols

The special grid included on monograph pages allows for quick reporting of compatibility , incompatibility , or conflicting data . In some instances conflicting results have been reported in the literature for a particular admixture. These contradictory reports are noted with a , and are described in the written entries.

**NOTE:**

Absence of a notation in the grid does not imply that the combination is compatible. Rather, it means that no information has been reported for that particular combination. The presence of other symbols in the grid, such as # and \*, are included to help the reader locate the specific written entry about the drug combination, and the reference that pertains to that entry.

Symbol	Definition
	Incompatible
	Compatible
	Conflicting Reports
NA or blank	No Information Available (do not mix)

- + Types of Incompatibility
- + Conflicting Reports
- + Compatibility of Multiple Drug Admixtures
- + Frequently Asked Questions

# 注射液縮寫名稱對照表

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+ Appendix 1 (Fluids A-H)

+ Appendix 2 (Abbo-Vac Solutions)

- Infusion Fluid Abbreviations

Abbreviation	Definition
UNSP	Reports data on direct admixture, or those for which an infusion fluid was not specified in the original research report. The reader should refer to the written entries for details on dose, concentration, temperature, etc.
BWFI	Bacteriostatic Water For Injection
SWFI	Sterile Water For Injection
D5W	Dextrose 5% in Water (5% Dextrose Injection, U.S.P.)
D10W	Dextrose 10% in Water (10% Dextrose Injection, U.S.P.)
D20W	Dextrose 20% in Water (20% Dextrose Injection, U.S.P.)
D5LR	Dextrose in Lactated Ringer's™ Solution (5% Dextrose in Lactated Ringer's&trade Injection)
D5¼S	Dextrose 5% in 1/4 Strength Saline (5% Dextrose and 0.22% Sodium Chloride Injection, U.S.P.)
D5½S	Dextrose 5% in 1/2 Strength Saline (5% Dextrose and 0.45 % Sodium Chloride Injection, U.S.P.)
D5NS	Dextrose 5% in Normal Saline (5% Dextrose and 0.9% Sodium Chloride Injection, U.S.P.)
D5R	Dextrose 5% in Ringer's™ Injection (5% Dextrose in Ringer's™ Injection)
D10NS	Dextrose 10% in Normal Saline (10% Dextrose and 0.9% Sodium Chloride Injection, U.S.P.)
IS10W	Invert Sugar 10% in Saline (10% Invert Sugar in 0.9% Sodium Chloride Injection)
LR	Lactated Ringer's™ Injection, U.S.P.
Pr Hyd	Protein Hydrolysate (Protein Hydrolysate Injection, U.S.P.)
R	Ringer's™ Injection, U.S.P.
NS	Sodium Chloride 0.9% (Normal Saline) (0.9% Sodium Chloride Injection, U.S.P.)
SOD CL 5	Sodium Chloride 5% (5% Sodium Chloride Injection)
SL	Sodium Lactate, 1/6 Molar (M/6 Sodium Lactate Injection, U.S.P.)

+ Compatibility Symbols

+ Types of Incompatibility

**Thank You**