

## Ceftazidime

### Usual Diluents

D5W, NS,LR

### Reconstitution

For IV infusion, constitute the 1- or 2-gram infusion pack with 100 mL of Sterile Water for Injection or one of the compatible IV fluids. Alternatively, constitute the 500-mg, 1-gram, or 2-gram vial and add an appropriate quantity of the resulting solution to an IV container with one of the compatible IV fluids.

For direct **intermittent** IV administration, constitute Ceftazidime as directed in this table,

Size	Amount of Diluent to be Added (mL)	Approximate Available Volume(mL)	Approximate Ceftazidime Concentration (mg/mL)
<b>Intramuscular</b>			
500-mg vial	1.5	1.8	280
1-gram vial	3.0	3.6	280
<b>Intravenous</b>			
500-mg vial	5.3	5.7*	100
1-gram vial	10.0	10.8†	100
2-gram vial	10.0	11.5‡	170
<b>Infusion pack</b>			
1-gram vial	100§	100	10
2-gram vial	100§	100	20
<b>Pharmacy bulk package</b>			
6-gram vial	26	30	200

with Sterile Water for Injection. Slowly inject directly into the vein over a period of 3 to 5 minutes.

\* To obtain a dose of 500 mg, withdraw 5.0 mL from the vial following reconstitution.

† To obtain a dose of 1 g, withdraw 10.0 mL from the vial following reconstitution.

‡ To obtain a dose of 2 g, withdraw 11.5 mL from the vial following reconstitution.

§Note: Addition should be in 2 stages

<b>Standard Dilution [Amount of drug] [Infusion volume] [Infusion rate]</b>
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[0 to 1 gram] [50 ml] [30 min] [ Over 1 gram] [100 ml] [30 min]
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<b>Stability / Miscellaneous</b>
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Store dry vials at 15°C to 30°C (59°F to 86°F). Protect from light. Reconstituted solution and solution further diluted for I.V. infusion are stable for 12 hours at room temperature, for 3 days when refrigerated, or for 12 weeks when frozen at -20°C (-4°F). After freezing, thawed solution in SWFI for I.M. administration is stable for 3 hours at room temperature or for 3 days when refrigerated; thawed solution in NS in a Viaflex® small volume container for I.V. administration is stable for 12 hours at room temperature or for 3 days when refrigerated; and thawed solution in SWFI in the original container is stable for 8 hours at room temperature or for 3 days when refrigerated.

Premixed frozen solution: Store frozen at -20°C (-4°F). Thawed solution is stable for 8 hours at room temperature or for 3 days under refrigeration; do not refreeze.