

Ceftriaxone

Usual Diluents

D5W, NS

Reconstitution

I.V. infusion: Infusion is prepared in two stages: Initial reconstitution of powder, followed by dilution to final infusion solution.

Vials: Reconstitute powder with appropriate I.V. diluent (including SWFI, D₅W, D₁₀W, NS) to create an initial solution of ~100 mg/mL. Recommended volume to add:

250 mg vial: 2.4 mL

500 mg vial: 4.8 mL

1 g vial: 9.6 mL

2 g vial: 19.2 mL

Note: After reconstitution of powder, further dilution into a volume of compatible solution (eg, 50-100 mL of D₅W or NS) is recommended.

Piggyback bottle: Reconstitute powder with appropriate I.V. diluent (D₅W or NS) to create a resulting solution of ~100 mg/mL. Recommended initial volume to add:

1 g bottle: 10 mL

2 g bottle: 20 mL

Standard Dilution [Amount of drug] [Infusion volume] [Infusion rate]

[0 to 1 gram] [50 ml] [30 min]

[Over 1 gram] [100 ml] [30 min]

After reconstitution, to prepare the final infusion solution, further dilution to 50 mL or 100 mL volumes with the appropriate I.V. diluent (including D₅W or NS) is recommended.

Note: Do not use diluents containing calcium, such as Ringer's solution or

Hartmann's solution, to reconstitute Rocephin. Particulate formation can result. Rocephin and calcium-containing solutions, including continuous calcium-containing infusions such as parenteral nutrition, should not be mixed or co-administered to any patient irrespective of age, even via different infusion lines at different sites.

NEONATES

Hyperbilirubinemic neonates, especially prematures, should not be treated with Rocephin

Stability / Miscellaneous

Powder for injection: Prior to reconstitution, store at room temperature $\leq 25^{\circ}\text{C}$ ($\leq 77^{\circ}\text{F}$). Protect from light.

Stability of reconstituted solutions:

10-40 mg/mL: Reconstituted in D₅W, D₁₀W, NS, or SWFI: Stable for 2 days at room temperature of 25°C (77°F) or for 10 days when refrigerated at 4°C (39°F). Stable for 26 weeks when frozen at -20°C when reconstituted with D₅W or NS. Once thawed (at room temperature), solutions are stable for 2 days at room temperature of 25°C (77°F) or for 10 days when refrigerated at 4°C (39°F); does not apply to manufacturer's premixed bags. Do not refreeze.

100 mg/mL:

Reconstituted in D₅W, SWFI, or NS: Stable for 2 days at room temperature of 25°C (77°F) or for 10 days when refrigerated at 4°C (39°F).

Reconstituted in lidocaine 1% solution or bacteriostatic water: Stable for 24 hours at room temperature of 25°C (77°F) or for 10 days when refrigerated at 4°C (39°F).

250-350 mg/mL: Reconstituted in D₅W, NS, lidocaine 1% solution, bacteriostatic water, or SWFI: Stable for 24 hours at room temperature of 25°C (77°F) or for 3 days when refrigerated at 4°C (39°F).