

Abciximab

AHFS 20:12.18

Products

Abciximab is available as a 2-mg/mL solution, which also contains sodium phosphate 0.01 M, sodium chloride 0.15 M, and polysorbate 80 0.001% in water for injection.³²⁷⁸

pH

7.2.³²⁷⁸

Trade Name(s)

ReoPro

Administration

Abciximab is administered by direct intravenous injection followed by continuous intravenous infusion using a controlled infusion device after dilution in sodium chloride 0.9% or dextrose 5%.³²⁷⁸

Stability

The clear, colorless injection in intact vials should be stored under refrigeration and protected from freezing.³²⁷⁸ The vials should not be shaken.³²⁷⁸ No incompatibilities with glass bottles or PVC containers and sets have been observed.³²⁷⁸

Although refrigerated storage is required, the manufacturer has stated that the drug may be stored at room temperature for 8 days.²⁷⁴⁵

Filtration

The manufacturer recommends filtration through a low protein-binding 0.2- or 5- μ m syringe filter during preparation of an intravenous infusion or using a 0.2- or 0.22- μ m inline filter during its administration.³²⁷⁸ The manufacturer also recommends using a low protein-binding 0.2- or 5- μ m syringe filter for bolus doses.³²⁷⁸

Compatibility Information

Y-Site Injection Compatibility (1:1 Mixture)

Abciximab

| Test Drug | Mfr | Conc | Mfr | Conc | Remarks | Ref | C/I |
|-----------------------|-----|--------------------------|-----|----------------------------|--|------|-----|
| Adenosine | FUJ | 3 mg/mL | LI | 36 mcg/mL ^a | Visually compatible for 12 hr at 23°C | 2374 | C |
| Argatroban | GSK | 1 mg/mL ^{a b c} | LI | 36 mcg/mL ^{a b c} | Physically compatible with no loss of argatroban in 4 hr at 23°C. Abciximab not tested | 2630 | C |
| Atropine sulfate | AMR | 0.4 mg/mL | LI | 36 mcg/mL ^a | Visually compatible for 12 hr at 23°C | 2374 | C |
| Bivalirudin | TMC | 5 mg/mL ^a | CEN | 10 mcg/mL ^a | Physically compatible for 4 hr at 23°C | 2373 | C |
| Cangrelor tetrasodium | TMC | 1 mg/mL ^b | | 10 mcg/mL ^b | Physically compatible for 4 hr | 3243 | C |
| Diphenhydramine HCl | ES | 25 mg/mL | LI | 36 mcg/mL ^a | Visually compatible for 12 hr at 23°C | 2374 | C |
| Fentanyl citrate | AB | 50 mcg/mL | LI | 36 mcg/mL ^a | Visually compatible for 12 hr at 23°C | 2374 | C |
| Metoprolol tartrate | AB | 1 mg/mL | LI | 36 mcg/mL ^a | Visually compatible for 12 hr at 23°C | 2374 | C |
| Midazolam HCl | BED | 2 mg/mL | LI | 36 mcg/mL ^a | Visually compatible for 12 hr at 23°C | 2374 | C |

^a Tested in dextrose 5%.

^b Tested in sodium chloride 0.9%.

^c Mixed argatroban:abciximab 1:1 and 4:1.

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