

# 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.<sup>3278</sup>

## pH

7.2.<sup>3278</sup>

## 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%.<sup>3278</sup>

## Stability

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

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

## Filtration

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

## 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 <sup>a</sup>	Visually compatible for 12 hr at 23°C	2374	C
Argatroban	GSK	1 mg/mL <sup>a b c</sup>	LI	36 mcg/mL <sup>a b c</sup>	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 <sup>a</sup>	Visually compatible for 12 hr at 23°C	2374	C
Bivalirudin	TMC	5 mg/mL <sup>a</sup>	CEN	10 mcg/mL <sup>a</sup>	Physically compatible for 4 hr at 23°C	2373	C
Cangrelor tetrasodium	TMC	1 mg/mL <sup>b</sup>		10 mcg/mL <sup>b</sup>	Physically compatible for 4 hr	3243	C
Diphenhydramine HCl	ES	25 mg/mL	LI	36 mcg/mL <sup>a</sup>	Visually compatible for 12 hr at 23°C	2374	C
Fentanyl citrate	AB	50 mcg/mL	LI	36 mcg/mL <sup>a</sup>	Visually compatible for 12 hr at 23°C	2374	C
Metoprolol tartrate	AB	1 mg/mL	LI	36 mcg/mL <sup>a</sup>	Visually compatible for 12 hr at 23°C	2374	C
Midazolam HCl	BED	2 mg/mL	LI	36 mcg/mL <sup>a</sup>	Visually compatible for 12 hr at 23°C	2374	C

<sup>a</sup> Tested in dextrose 5%.

<sup>b</sup> Tested in sodium chloride 0.9%.

<sup>c</sup> Mixed argatroban:abciximab 1:1 and 4:1.

Selected Revisions September 29, 2017. © Copyright, October 2004. American Society of Health-System Pharmacists, Inc.