



EPINEPHrine Cost Analysis Tool

EPINEPHrine Ready-to-Use Product Selection

[Reset Button](#)EPINEPHrine
2 mg/250 mLEPINEPHrine
4 mg/250 mLEPINEPHrine
5 mg/250 mLEPINEPHrine
8 mg/250 mLEPINEPHrine
10 mg/250 mL

What is the Actual Cost to Compound EPINEPHrine Infusion Bags?

What is the current vial cost?		What is the vial size?	1 mL	10 mL	30 mL
What is the diluent (bag) cost?					
What are the supply costs?					
What is the average percent waste of EPINEPHrine infusions?					
Personnel Costs Per Unit					
Technician Rate Per Hour					
Time per dose (min):					
Pharmacist Rate Per Hour					
Time per dose (min):					

Actual Cost Per Bag to Compound

EPINEPHrine Per Bag Cost

How does the Ready-to-Use Cost Compare to the Current Process?

Do you purchase EPINEPHrine bags from a 503B Facility?	Yes	No	What is the 503B Cost per Bag?	
What is the weekly usage of EPINEPHrine infusions?				

Yearly Cost Breakdown

Current Process	Unit Cost	Monthly	Yearly
Batching			
503B Outsourcing			
	Total		
Manufactured Product			

Cost Comparison

Yearly Difference

Calculations

EPINEPHrine Per Unit Cost	(Vial per mL Cost x Total mL of Drug Needed for the Selected Bag) Plus (Bag Cost + Supply Cost) Multiplied by (1 Plus Percentage Waste) Plus (Per Unit Personnel Cost)
Yearly Costs	(Per Unit Cost) Multiplied by (Weekly Usage) Multiplied by (26 Weeks)

References

1. Average 2024 Wholesale Acquisition Cost (WAC) for 250 mL normal saline bags
2. Sum of average 2024 Wholesale Acquisition Cost (WAC) for compounding supplies
3. Average of published data:
 - i. <https://pubmed.ncbi.nlm.nih.gov/21116003/>
 - ii. <https://pubmed.ncbi.nlm.nih.gov/10312222/>
 - iii. <https://pubmed.ncbi.nlm.nih.gov/1570849/>
 - iv. <https://journals.sagepub.com/doi/full/10.1177/08971900211027134>
 - v. https://www.researchgate.net/figure/Baseline-and-Follow-up-Measurements-After-Implementation-of-a-Lean-Production-System-in-a_tbi2_242771873
4. Based on U.S. Bureau of Labor Statistics for 2023
5. U.S. Food & Drug Administration. New Drug Approval for Epinephrine: NDA 215875. April 21, 2023.
6. Fanikos J, Burger M, Canada T, et al. An assessment of currently available i.v. push medication delivery systems. *Am J Health-Syst Pharm.* 2017;74(9):e230-235.
7. Billstein-Leber M, Carrillo CJD, Cassano AT, Moline K, Robertson JJ. ASHP guidelines on preventing medication errors in hospitals. *Am J Health-Syst Pharm.* 2018;75(19):1493-1517.
8. Adrenalin® (epinephrine in sodium chloride injection). Prescribing Information. Endo USA, Inc.

Adrenalin®

(EPINEPHrine in 0.9% sodium chloride injection), the first FDA-approved, manufacturer-prepared EPINEPHrine premixed intravenous (IV) bag.⁵



- ✓ Improves treatment delivery time and workflow efficiencies⁶
- ✓ Does not require compounding, diluting, mixing, or transferring, which may reduce waste⁷
- ✓ Single-port IV tubing reduces risk of inadvertently adding other medications to bag^{7,8}

AdrenalinBag.com

Disclaimer: Costs listed here are estimates only and may not reflect your specific situation. Actual costs are subject to many factors and this tool should not be construed as an offer to sell or reimburse.