

Compounded Medication Cost & Dosing Guide

Buprenorphine HCl ER

Cat Dosing Cost Breakdown

Strength	Vial Size	Cost Per Vial	Cost Per mg	Extended Release Dose	3-Day Dose for a 4kg Cat	Dose Volume	Cost per ER Dose
3mg/ml	5ml	\$170.00	\$11.33	0.12mg/kg*	0.48mg	0.16ml	\$5.44

*Dose based on published study: Catbagan et al. 2011. Comparison of the efficacy and adverse effects of sustained-release buprenorphine hydrochloride following subcutaneous administration and buprenorphine hydrochloride following oral transmucosal administration in cats undergoing ovariohysterectomy. American Journal of Veterinary Research, 72(4), pp.461-466.

Dog Dosing Cost Breakdown

Strength	Vial Size	Cost Per Vial	Cost Per mg	Extended Release Dose	3-Day Dose for a 10kg Dog	Dose Volume	Cost per ER Dose
3mg/ml	5ml	\$170.00	\$11.33	0.05mg/kg*	0.5mg	0.2ml	\$5.67

*Dose based on published study: Nunamaker, Elizabeth A., et al. Clinical efficacy of sustained-release buprenorphine with meloxicam for postoperative analgesia in beagle dogs undergoing ovariohysterectomy. Journal of the American Association for Laboratory Animal Science 53.5 (2014): 494-501.

Meloxicam ER

Dog Dosing Cost Breakdown

Strength	Vial Size	Cost Per Vial	Cost Per mg	Extended Release Dose	3-Day Dose for a 10kg Dog	Dose Volume	Cost per ER Dose
10mg/ml	5ml	\$165.00	\$3.30	0.6mg/kg*	6mg	0.6ml	\$19.80

*Dose based on published study: Smith, B.J., Kirschner, S.M. and Kendall, L.V., 2020. Pharmacokinetics Sustained-release, Oral, and Sub-cutaneous Meloxicam over 72 Hours in Male Beagle Dogs. Journal of the American Association for Laboratory Animal Science. pp.737-741.

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