

Buprenorphine In Polymer in Lab

Buprenorphine HCl in Polymer injection is designed to release the medication over a 72 period.

Key Features of Compounded Buprenorphine in Polymer Lab

- Designed to provide in polymer delivery of Buprenorphine in a fully biodegradable liquid polymer matrix
- Provides therapeutic blood levels of analgesia for perloperatlve and postoperative use
- Formulation can be injected subcutaneously through needles as small as 23 gauge
- Buprenorphine in Polymer Lab can be conveniently stored at room temperature

Buprenorphine in Polymer Lab

Visit us at Wedgewood.com to view these and other studies on compounded medications:

Efficacy of Sustained-Release Buprenorphine in an Experimental Laparotomy Model in Female Mice

Lon V Kendall, Daniel J Wegenast, Brian J Smith, Kathryn M Dorsey, Sooah Kang, Na Young Lee, and Ann M Hess

Evaluation of a Sustained-Release Formulation of Buprenorphine for Analgesia in Rats

Patricia L Foley, Haixiang Liang, and Andrew R Crichlow

Recommended Dosing (in one 72-hour SC injection)

Laboratory Rats: 1.0 - 1.2 mg/kg* **Laboratory Mice:** 0.5 – 1.0 mg/kg*

Dose rates above are based on reports from our clinical research customers. Practitioners and clinicians should rely on their professional knowledge and judgment when prescribing Buprenorphine in Polymer. While this novel Buprenorphine in Polymer Lab formulation has been developed to eliminate the majority of injection site reactions in most rodent strains, skin reactions may occur in select strains. Please be advised that adverse skin reactions have been reported when administered to Athymic Nude Mice. In cases when such adverse events occur, we recommend that you discontinue use of the Buprenorphine in Polymer Lab.

Injection Guidelines

It is important that the entire Buprenorphine in Polymer Lab dose be administered subcutaneously, usually in the dorsal mid-scapular region. To avoid any leakage of polymer contents out of the injection site, the injection should be given in the following manner:

1. Remove a small amount of fur at the injection site. Prep the skin with 70% alcohol.
2. Tent the skin and using a 23-25 gauge needle on the dosing syringe, insert the needle full length (5/8") under the skin.
3. Inject the formulation slowly over 10 to 15 seconds, and slowly withdraw the needle while pinching the skin at the needle exit site.
4. Continue to pinch the skin for 5 to 10 seconds after needle withdrawal.

How Supplied

Compounded Buprenorphine in Polymer Lab injections are available in 0.5mg/ml and 1mg/ml concentrations in 5ml vials.

*The information is intended for use by veterinary professionals only and is made available on the express condition that no liability, expressed or implied, is accepted by Wedgewood for the accuracy, content, or use thereof. The information is to be used entirely at the reader's discretion. Practitioners and wildlife industry professionals should rely on their own expertise, knowledge and judgment and the particular circumstances of each patient when determining the appropriate dose for administration in target species.

Wedgewood does not make claims for the safety or efficacy of our compounded medications. © Wedgewood 2024. All rights reserved. 1024

For more information:

866.823.9314 | Wedgewood.com

 **wedgewood**
RESEARCH