

BAM[®] for Lab Animals

Originally developed as an anesthesia combination for wildlife and used in thousands of capture immobilizations worldwide, **administration of a premixed butorphanol, azaperone and medetomidine (BAM) combination** is now available for reversible anesthesia of lab animals.

Patented Formulation

- This pre-mixed 11ml BAM formulation vial contains 27.3mg of Butorphanol, 9.1mg of Azaperone and 10.9 mg of Medetomidine per ml. It has been shown to be "co-synergistic" - allowing each active pharmaceutical to be administered at a low dose rate.
- It is currently patented [US Pat.7795263] and distributed under the acronym: BAM.

Lab Animal Veterinarians and Pls Report

- Relaxed abdominal respiration and ventilation
- Minimal increases in body core temperature
- Retention of good blood oxygen levels
- Anesthesia effect can be reversed at any time, with animals fully recovering within 5-10 minutes
- Reversibility characteristics provide added safety

Each BAM™ Kit contains:

- **Vial #1: BAM™ (11ml)**

Each 1ml of this premixed formulation contains:

27.3mg of Butorphanol | 9.1mg of Azaperone | 10.9mg of Medetomidine

- **Vial #2: Atipamezole (30 ml)** Reversal drug at a concentration of 25mg/ml
- **Vial #3: Naltrexone (5.5 ml)** Reversal drug at a concentration of 50mg/ml

Reversal

BAM is reversed (~5-10 minutes) with IM injections of Atipamezole and Naltrexone HCl. These formulations are also included with the BAM anesthesia combination (11 ml volume) as components in the BAM Kit:

Atipamezole

(30ml volume; 25mg/ml concentration)

Naltrexone

(5.5ml volume; 50mg/ml concentration)

Dosing Protocols

Based on anesthesia field reports, a formulary detailing BAM administration guidelines with reversal drug dosing protocols has been compiled. (See the BAM Formulary Guide for Laboratory Animals on reverse side.)

BAM[®] for Lab Animals

Reversible Anesthesia Protocol Combining Butorphanol, Azaperone and Medetomine

Species	Dose Rate	Type	Avg. Body Weight	IMMOBILIZE	REVERSE	
				BAM	Atipamezole (25mg/mL)	Naltrexone (50mg/mL)
Pig	B 0.58mg/kg	Yucatan Minipigs	70kg	1.5mL	3.0mL	0.5mL
	A 0.2mg/kg M 0.23mg/kg	Domestic	100kg	2.2mL	4.4mL	0.5mL
Sheep <i>(Dorset Cross)</i>	B 0.32mg/kg	Adult Female	90kg	1.5mL	3.0mL	0.5mL
	A 0.11mg/kg	Adult Female	75kg	1.0mL	2.0mL	0.5mL
	M 0.13mg/kg	Lamb	<20kg	0.2mL	0.4mL	0.25mL
		Lamb	>20kg	0.4mL	0.8mL	0.5mL
Goat <i>(Nuban Crossbreed)</i>	B 0.32mg/kg	Male	75kg	0.9mL	1.8mL	0.5mL
	A 0.10mg/kg M 0.13mg/kg	Female	55kg	0.7mL	1.4mL	0.5mL
NHP <i>(Rhesus Macaque)</i>	B 0.64mg/kg	Adult Male	8kg	0.4mL	0.8mL	0.5mL
	A 0.20mg/kg	Adult Female	5kg	0.25mL	0.5mL	0.25mL
	M 0.26mg/kg					
NHP <i>(Spider Monkey)</i>	B 0.64mg/kg A 0.20mg/kg M 0.26mg/kg	-	13kg	0.6mL	1.2mL	0.5mL
Cat <i>(Feline Colony Bred)</i>	B 0.60mg/kg A 0.20mg/kg M 0.24mg/kg	-	4.5kg	0.1mL	0.2mL	0.25mL
Dog <i>(Beagle)</i>	B 0.55mg/kg A 0.18mg/kg M 0.22mg/kg	-	10kg	0.2mL	0.4mL	0.25mL
Cattle	B 0.075mg/kg	Mature Bull	900kg	2.5mL	5.0mL	0.5mL
	A 0.025mg/kg	Adult Cow	450kg	2.0mL	4.0mL	0.5mL
	M 0.030mg/kg	Calves - 1 1/2 yrs	225kg	1.5mL	3.0mL	0.5mL

*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

Complete BAM Kits
are currently available
by prescription from a
licensed veterinarian.

For more information:
866.823.9314 | [Wedgewood.com](https://www.wedgewood.com)

 **wedgewood**
RESEARCH