



## Bio-Thermo<sup>®</sup>

Microchips for Horses

- Temperature-sensing technology measures body temperature at the microchip implantation site
- Easy to inject 12-gauge needle
- Exclusive BioBond<sup>®</sup> anti-migration cap helps reduce microchip migration by favoring tissue adhesion



## LifeChip<sup>®</sup>

Microchips for Horses

- Easy to inject 12-gauge needle
- Exclusive BioBond<sup>®</sup> anti-migration cap helps reduce microchip migration by favoring tissue adhesion

Scan QR code to learn more:



Customer Service: 1-800-341-5785  
merck-animal-health-usa.com



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Microchips for Horses



## LifeChip<sup>®</sup>

Microchips for Horses

**SUPPLIED WITH MANUFACTURING  
CODE (985) OR  
USDA COUNTRY CODE (840)**



Bio-Thermo and LifeChip microchips are Radio-Frequency (RFID) systems which offer permanent and unique identification for horses. The microchip is a passive transponder programmed with a unique 15 digit number, compliant with ISO Standards 11784 and 11785. The frequency of ISO compliant microchips is 134.2 kHz.



# BIO-THERMO AND LIFECHIP MICROCHIPS IMPLANTATION PROCEDURE

*Thoroughly read directions in their entirety before microchip implantation and follow as instructed. Failure to follow directions and precautions may result in improper delivery and performance.*

*This product is intended for implantation by or under the supervision of a licensed veterinarian or according to state laws.*

*Do not use this product if the protective package containing the pre-loaded syringe is torn or punctured, as sterility could be compromised.*

1. Identify the microchip implantation site: left side of neck halfway between poll and withers, in nuchal ligament, and approximately 1.0 to 2.0 inches below mane line, depending on age and body condition.
2. Scan the implantation site and surrounding area with the Global Pocket Reader™ Plus (GPR+), the HomeAgain Universal WorldScan® Reader Plus (UWSR+) or another universal microchip reader to assure horse has not been previously microchipped.



3. Scan the microchip in the package to ensure proper reading and to verify that number scanned matches the one printed on the bar code labels.
4. Clean and aseptically prepare site for implantation.
5. Remove the safety lock on the base of the plunger (white lock) and then remove the needle cap. Insert the needle up to its base like an intramuscular injection, and depress plunger.

6. Apply light pressure to the implantation site when removing the delivery device to minimize any bleeding.
7. Properly dispose of needle and syringe.
8. Rescan the microchip to ensure proper implantation.



9. Affix bar code label to horse's records and retain the code for future reference.
10. Record the microchip number with appropriate breed association and your preferred database. We recommend registering with HomeAgain® (HomeAgain.com), where you can select "equine" as the species. With the registration, you'll receive lifetime enrollment in the database, with free, unlimited updates to your contact information.
11. Horse may experience mild local discomfort similar to a routine intramuscular injection and may display signs of mild stiffness or soreness for a few days after chip implantation. It is best to microchip a horse when it has a day or two off from strenuous activities. Please plan accordingly.

Bio-Thermo microchips with temperature-sensing technology can be read and stored with date and time by the Global Pocket Reader™ Plus or the Universal WorldScan® Reader Plus from HomeAgain. The scanners are able to read a wide range of technologies.