TEMPSCAN®
in search and rescue dogs

Transforming **search and rescue** dog care

In dogs, a clinical trial with temperature-sensing microchips was launched by Dr. Deb Zoran, Director of the Texas A&M Veterinary Emergency Team (VET) with the Task Force Dogs, members of the urban search and rescue (SAR). These dogs are at a particular risk of hyperthermia and monitoring rectal temperatures in the field is very difficult. The goal of the trial was to demonstrate that the temperature-sensing microchips could enhance the ability to monitor these dogs closely and have a better work plan that still keeps them in the field.

Over time and with experience measuring TEMP**SCAN** temperatures, Dr. Zoran has learned that each dog's temperature ranges are unique. Some of these dogs, like many of the Labradors, will have a wide range of temperature excursions. Other dogs with similar fitness levels will have a relatively narrow range of excursions. Understanding the breed differences in working dogs will help give each SAR dog more individualized care to better fit their capabilities.

Gauntt, J 2019 Feeling the Heat. CVM Today Texas A&M University Veterinary Medicine & Biomedical Sciences. 20:48-51.

3 MILLION PETS HomeAgain REUNITED*

#1 Most Used by Veterinary Hospitals**

Manufactured by MERCK Animal Health

*Data on file, HomeAgain. **Kynetec PetTrak USA June 2023 Study

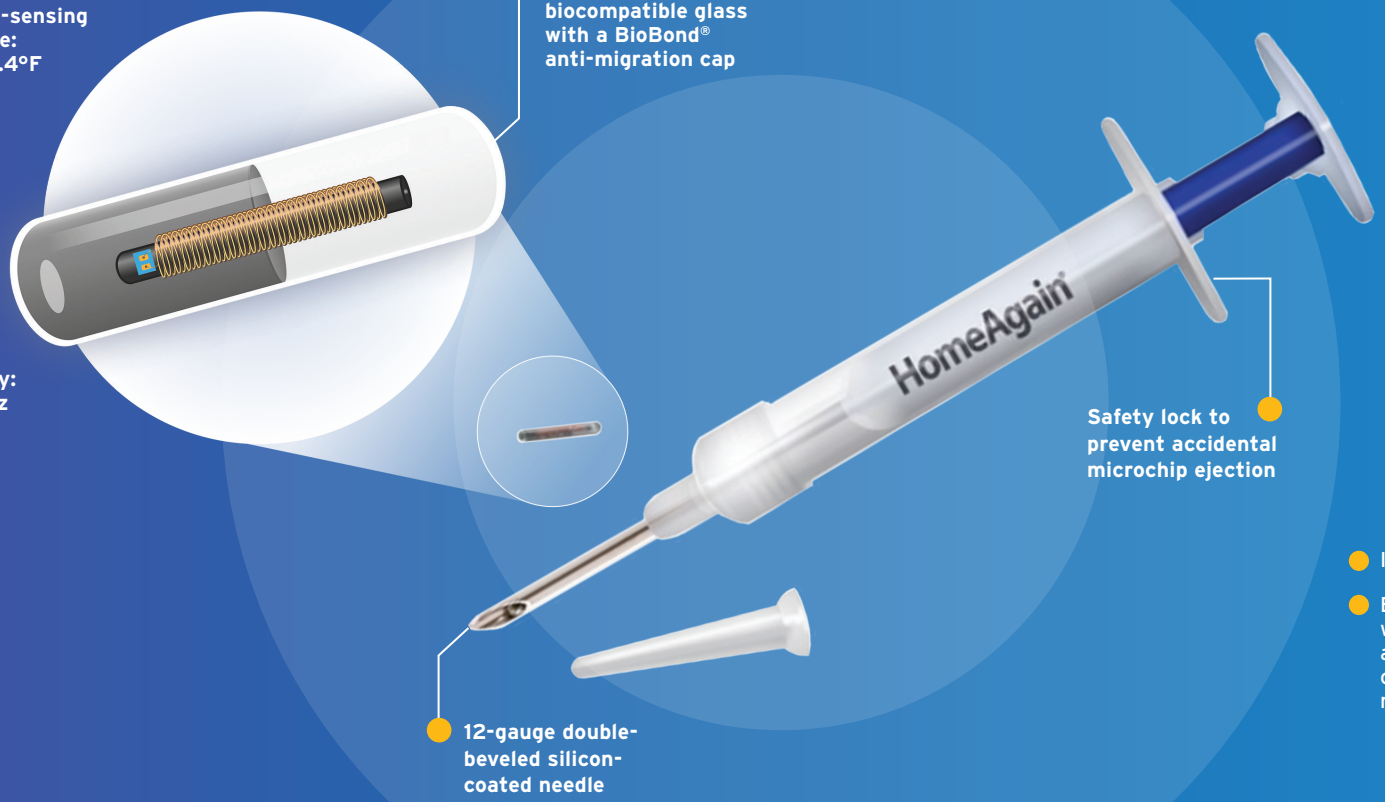
These products are not intended to diagnose, treat, cure or prevent any disease in animals. For the diagnosis, treatment, cure or prevention of disease in animals, you should consult your veterinarian.

TEMPSCAN®

Temperature-sensing pet identification microchips

HomeAgain®
Pet Recovery

TEMPSCAN®



Pet-Friendly:
A low-stress way to monitor pet temperatures.

Time-Saving:
Quickly identifies temperature trends with multiple readings.

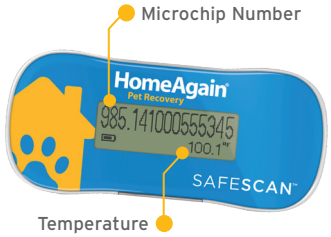
Temperature-Sensing Microchip:
Measures subcutaneous temperatures at the microchip implantation site.

- ISO Compliant - Standards 11784 and 11785
- Each HomeAgain microchip includes labels with the corresponding microchip number + an engraved collar tag and wallet card for pet owners to take home to register their pet's microchip number at homeagain.com.

Why should I consider TEMP**SCAN**?

TEMP**SCAN** microchip offers an additional solution for frequent temperature monitoring, with benefits in minimizing handling, leading to a safe and time saving process for veterinary staff. It is pet friendly and alleviates concerns for owners, avoiding potential negative reactions or defensive behaviors.[1]

Reach out to your Merck Animal Health representative to learn more!



Accuracy of the TEMP**SCAN** microchip

The biosensor provides an accurate measurement of temperature when compared to a reference thermometer, which has been reported as 0.07±0.12°C (0.13±0.22°F).[2]

All HomeAgain scanners display temperature when reading TEMP**SCAN** microchips

1. Gomart, SB; Allerton, FJW; Gommeren, K. 2014 Accuracy of different temperature reading techniques and associated stress response in hospitalized dogs. Journal of Veterinary Emergency and Critical Care 24:279-285. 2. Langer F, Fietz J. Ways to measure body temperature in the field. J Therm Biol. 2014 May;42:46-51.