



MICROCHIP TEMPERATURE (MT) GUIDE



There are different conditions that can cause an elevation in your pet's body temperature:

- **FEVER OR PYREXIA**
→ caused mainly by infection and also by inflammation
- **HYPERTHERMIA**
→ caused by hot or humid conditions outdoors, strenuous exercise and some medical conditions

Fever or hyperthermia can be a sign of some conditions that need urgent medical attention. It is not uncommon for pets to present elevated body temperature with no other signs of disease. A very elevated body temperature is life threatening.

Body temperature is commonly verified by using a thermometer in rectal area. This is the method your veterinarian will use to check your animal for fever or hyperthermia. The temperature reading will be evaluated in conjunction with a clinical exam and other diagnostic methods. **Rectal temperatures** above 102.5°F or 39.2°C, might reflect cases of fever or hyperthermia.

The temperature reading from the microchip is different from the temperature measured by a rectal thermometer. The subcutaneous location has lower blood flow and is more exposed to environmental conditions, meaning that a lower temperature threshold is used. For example, elevation of the Microchip Temperature (MT) above 100.4°F or 38.0°C, along with other clinical signs of disease, would be an indicator for concern for your pet's health, as described in the guidelines.

The Microchip Temperature (MT) advantages are that it can be easily measured by one person and with no risk of causing injuries to your pet. Several measurements can be taken in a short period of time and can act as a first alert to an animal's wellbeing.

RED ZONE

MICROCHIP TEMPERATURE (MT) above 102.2°F or 39.0°C can be a sign of high risk for hyperthermia or fever, and is a possible medical emergency. If your pet shows signs of restlessness, is shaking or seems disoriented, contact your veterinarian immediately. If these or other symptoms of disease are not present, recheck MT, three more times, in five minute intervals. If MT continues above 102.2°F or 39.0°C, contact your veterinarian immediately. If MT drops below 102.2°F or 39.0°C, continue to observe for signs of disease and to monitor until in green zone. If it continues in yellow, contact your veterinarian.

YELLOW ZONE

If MICROCHIP TEMPERATURE (MT) is above 100.4°F or 38.0°C and below 102.2°F or 39.0°C there is a medium risk for hyperthermia or fever. If there are no other signs of disease, such as lethargy, diarrhea, vomiting, coughing or lack of appetite, let your pet rest and recheck MT, three more times in 15 minute intervals. If MT continues above 100.4°F or 38.0°C, contact your veterinarian.

GREEN ZONE

If MICROCHIP TEMPERATURE (MT) is below 100.4°F or 38.0°C, there is a low risk of hyperthermia or fever. There are diseases that need medical attention and do not present fever or hyperthermia, if your pet presents any other signs of unusual behavior or disease, please contact your veterinarian.



24PetWatch

PET PROTECTION. ANYWHERE. ANY TIME.

www.24PetWatch.com | 1.866.597.2424



WHAT DOES YOUR PET'S MICROCHIP TEMPERATURE (MT) MEAN?

