

# RFID Microchip

## Description

The **RFID Microchip with German Chip** is a cutting-edge identification device used in veterinary practice for permanent animal identification. This tiny implantable chip contains a unique identification number that can be read by compatible RFID scanners, ensuring efficient tracking, management, and recovery of pets and livestock. The microchip uses advanced German technology known for reliability and durability.

## Specifications

- **Material:** Biocompatible glass casing
- **Chip Technology:** German-made RFID chip, ISO 11784/11785 compliant
- **Frequency:** 134.2 kHz (standard for pet microchips)
- **Dimensions:** Approx. 2 mm diameter x 12 mm length
- **Unique ID:** 15-digit unique identification code
- **Packaging:** Sterile, single-use injector syringe

## Product Form

- Supplied as a sterile, single-use microchip with injector
- Available individually or in bulk packaging

## Veterinary Application

- Used for **permanent identification** of pets (dogs, cats), livestock, and zoo animals
- Facilitates tracking for vaccination, medical history, breeding, and ownership
- Crucial for lost pet recovery and theft prevention

## Human Application

**Not Applicable**

## ✔ Advantages

- Permanent, tamper-proof identification method
- Highly reliable German chip technology ensures accurate reading
- Biocompatible materials prevent adverse reactions
- Easy and quick implantation via injector
- Compatible with all ISO-standard RFID scanners

## ✘ Disadvantages

- Requires special scanner to read chip
- Implantation requires veterinary expertise
- Not a GPS tracker; only stores ID information

## ⚠ Precautions

- Ensure proper sterilization of injector before use
- Implant only by trained veterinary professionals
- Confirm chip functionality post-implantation using a compatible scanner
- Store chips and injectors in sterile packaging until use

## 🏷️ HS / HSN Code

- **HS Code:** 9021.39
- **HSN Code:** 9021.39.90
- **Description:** Instruments and appliances for veterinary use, including RFID microchips

## 🧼 Sterilization Details

- Supplied sterile and single-use, no further sterilization required
- Injector syringe is disposable after implantation

## **? Frequently Asked Questions (FAQs)**

- 1. Is the RFID microchip painful to implant?**  
The implantation is similar to a vaccination injection and causes minimal discomfort.
- 2. Can the microchip be removed or changed?**  
No, the chip is designed to be permanent.
- 3. Is the chip readable worldwide?**  
Yes, it complies with ISO standards and can be read by compatible scanners globally.
- 4. Does the chip track the animal's location?**  
No, it only stores identification information; it is not a GPS device.
- 5. Can it be used in all animal species?**  
It is suitable for most pets and livestock but check size compatibility for very small animals.

