

# Animal identification and sample collection in one system. **TYPIFIX™ EAR TAGS**



THE TypiFix™ DIAGNOSTIC EAR TAG IS AN INNOVATIVE  
AND UNIQUE DEVICE FOR TISSUE SAMPLING AND SIMULTANEOUS  
ANIMAL IDENTIFICATION.

# Animal identification. RELY ON TypiFix™

## THE TypiFix™ SYSTEM

The innovative **TypiFix™ system** combines conventional ear tagging with tissue sampling in one simple step. During the process of tagging livestock, this sampling technology automatically collects and seals tissue samples in **TypiFix™** sample containers, conserving proteins and nucleic acids. The system is compliant with EU regulations on tamper-proof animal identification and is compatible with various diagnostic tests such as ELISAs, PCR-based and RT-PCR tests. Using this system, the tapered metal punch applies the tag without tearing tissue, thus avoiding infection. The **TypiFix™ system** is an efficient and cost-effective solution for identifying and tracking animals and includes processes for automation and data management.

## THE BENEFITS OF THE TypiFix™ SYSTEM?

### Reliable

The patented punch-out procedure means sample failure rates are extremely low. The **TypiFix™ system** has been proven effective in over 99.5% of samples taken and sent in for analysis. The fast and complete mummification of samples in the containers effectively prevents tissue deterioration.

Low sample failure rates make the **TypiFix™ system** extremely reliable.

### Easy sample identification and visual verification

A new feature of the **TypiFix™** sample container is its double-walled desiccant compartment. The sample is placed on top and is in contact with, but not immersed in, the desiccant. This enables an easy separation of the tissue sample from the desiccant when transferring the sample from the container. Visual verification of the presence of tissue material in the container is another important advantage of this new feature.

The **TypiFix™** sample container allows easy sample retrieval and visual assessment of tissue samples.

### Convenient

**TypiFix™** sample containers mummify samples by airtight locking of samples together with the desiccant. Thanks to this patented conservation process, the samples can be stored at room temperature without any deterioration. Sample containers can be easily transported to the laboratory by regular mail, and require no cooling.

The unique conservation process of tissue samples allows for safe transport and storage at room temperature.

### Automatable

With the fully automated **TypiFix™ extractor**, 500 samples can be processed in one hour. The extractor transfers tissue samples from **TypiFix™** containers to a common multi-well plate. The entire process is supported by a bar code identification system. The **TypiFix™** software directly links a test result to an animal's identity, guaranteeing an effective connection to a fully automated laboratory system.

This fully automated process eliminates the possibility of samples being incorrectly identified and guarantees the correct assignment of a test result to an animal's identity.



### Ear tags

Prod. No. 8131x TypiFix™ cattle ear tag TFS te2.2

### Applicator

Prod. No. 81110 TypiFix™ Applicator

### Extractor

Prod. No. 81510 TypiFix™ Extractor pliers EM-te2

Prod. No. 81520 TypiFix™ Extractor EP-te2

Prod. No. 81530 TypiFix™ Extractor EA-te2

See our product list on [www.prionics.com](http://www.prionics.com) for the full range of **TypiFix™** products.

## CONTACT