



OS ID[®] TSU – fast, effective and high performing tissue sampling

The OS ID[®] TSU is a unique tool to allow farmers to collect small ear notch samples that today can be used for both Genomic and viral disease (BVDV) diagnostic purposes.

Disease prevention

Testing young new born cattle for presence of BVD virus using ear notch samples allows farmers to quickly diagnose this economically devastating disease, remove persistently infected and shedding animals and sanitize their farm over time.

Genomics

The same ear notch sample collected with the OS ID[®] sample collection tools containing our preservative liquid can be genomically examined on the newest and high level platforms. Genomic analysis allow farmers to

make state of the art decisions on what animals to breed with, what animals to keep in production and what breeding matches are best for their future stock.

With the OS ID[®] Tissue Sampling tools farmers are entering a new, exciting and cost efficient era of genomic analysis.

One, simple action

The OS ID[®] TST (tissue sampling tags) allows you to obtain a tissue sample from the animal's ear while you are tagging it, all in one simple action. The OS ID[®] TST is especially suited for bovine and other ruminant ear notch sampling. The method is both effective and safe and can be used on most young animals from when they are just one day old.

Easy, user-friendly equipment

The OS ID[®] TSU allows you to collect fully processable tissue samples without the assistance of specialists. Samples are easily collected with the OS ID[®] TSU special applicator. Loading the TSU into the applicator is simple: you load, lock and squeeze. When applied, the applicator harvests a very small amount of tissue from the animal's ear.

Secure deposition and tracking

The ear tissue is immediately deposited into the preservation liquid of the TSU hygienic tube, where it remains safely until removed by the lab for testing. This is an efficient and clean method, without possibility of contamination or destruction of the samples.

With OS ID[®] TSU, you will see the actual tissue sample and know if there is enough genomic material before sending to the lab. Every tube contains a unique 2D bar code to identify the sample. This permits secure registration and tracking on an individual level.

Sampling and tagging

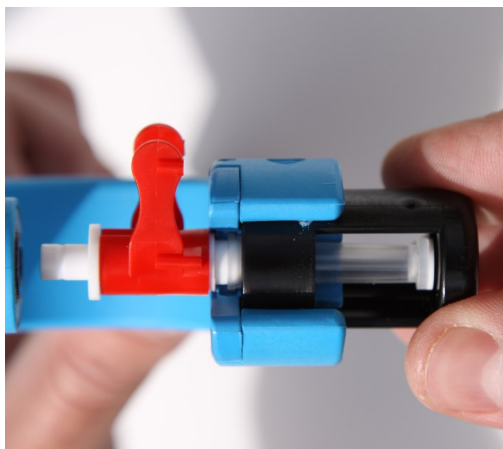
OS ID[®] TSU can also come as an integrated kit including your preferred OS ID[®] ear tag combination, all carrying the same identification code.

Minimal animal restraint

The OS ID[®] TSU is gentle on animals. With a needle diameter of just 3 mm, only a small hole is left in the ear.



OS ID[®] TSU is gentle on animals.



Easy and fast loading into the applicator.



OS ID[®] TSU applicator



Specially designed boxes for safe handling and shipment to the lab.

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