



# Allflex<sup>®</sup> Tissue Sampling Unit (TSU) Guide

## Faster, Cleaner, Easier DNA Collection

One quick squeeze of the Allflex TSU Applicator deposits a clean, consistent DNA sample into a preservative vial where it is stored until submitted for DNA testing. When stored in the right conditions, the sample can be tested later and confidently inform your herd management decisions.

### How to Load the Allflex Tissue Applicator



#### STEP 1: Insert TSU

Rotate the black tube retainer so the applicator gun is open. Then insert the tissue applicator.



#### STEP 2: Close Retainer

Rotate the black tube retainer so the applicator is locked in.



#### STEP 3: Seat the Applicator

Squeeze the applicator handles together. You will feel a "locking" action. When fully seated the applicator gun bolt will rest flush against the white cutter.



#### STEP 4: Remove Red Clip

Release handles and remove the red clip by pulling it outward. *Carefully remove and avoid cutting yourself on the white metal cutter.*



#### STEP 5: Ready to Collect

The applicator is now loaded and ready to take a sample. *All parts are for one use only. Do not re-use metal cutters.*

*Instructions continued on back.*



## How to Collect a Sample



### STEP 1: Position the Cutter

Slide the applicator gun over the ear, position the cutter approximately 1 inch from the edge of the ear, avoiding veins and ridges.



*Avoid the edges of the ear when collecting samples.*



### STEP 2: Take the Sample

Squeeze the handles together to take a sample, then release to free the ear.



### STEP 3: Remove Applicator

Remove the TSU applicator by rotating the black retention ring and sliding the TSU applicator out. Ensure a tissue sample is present in the vial.



### STEP 4: Remove Cutter

Pull the handles apart. This dislodges the used cutter from the applicator gun.

*Caution, the cutter is sharp.*



### STEP 5: Record Data

Place TSU into the box and record animal identification.

## Storage

Once the tissue sample has been successfully extracted, store the sample at room temperature and away from direct sunlight for up to a year. We recommend freezing the sample after a year for long term storage.

Wash applicator with soap and water after each use and thoroughly dry.

## Fastest, Cleanest – and Easiest Gateway into the World of Genomics



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US-Allflex-231000003

