

Choose Allflex for Better Results

As a producer, you know there are several genomic sampling methods used to provide genetic materials to the lab for analysis.

nextGen by Allflex focuses on what producers need: Easy, high quality sample collection that saves you time and provides a high rate of success in the lab.

Tissue sampling has several advantages:

- Unlike some sampling methods, nextGen samples can be taken in animals as young as one-day-old.
- No need to count hair follicles or guess if enough biological matter (often mucous, semen or blood) is present to produce a good lab result. With nextGen, you will see the actual tissue sample and know if there is enough genomic material before sending to the lab.
- Easy to use. Professional expertise is no longer needed for drawing blood or procuring other samples.



Get the Allflex Advantage with nextGen

Loading the Tissue Sampling Unit (TSU) into the special applicator is simple:

- Load
- Lock
- Squeeze

When applied, the applicator harvests a very small amount of tissue (less than 1/8" diameter) from the animal's ear. The ear tissue is immediately deposited into the preservation liquid of the TSU where it remains safely until removed by the lab for testing.



Tissue Sampling Applicator

Tissue Sampling Products



Tissue Sampling Units



Matched Pair Sets
(Visual ID and EID) with
Tissue Sampling Unit

Introducing nextGen by Allflex – Tissue Sampling Technology

Collecting tissue samples has never been more efficient and cost effective. Scientific advancements in the mapping of livestock genomes along with continued development of affordable analytics has changed the sampling industry – making it easier and quicker for producers to use DNA for:

- Parentage verification
- Genetic selection
- BVD diagnostics

Allflex has been working with the country's leading biotechnology companies, livestock genetic testing labs and leading livestock producers to develop a unique device for collecting tissue samples. The result is the nextGen Tissue Sampling Unit (TSU) by Allflex.

nextGen by Allflex maintains Allflex's commitment to innovation, quality and performance. The nextGen TSU provides:

- **Fast, high performance sample collection ...**
Samples can be collected in seconds with minimal animal restraint. A single-squeeze motion collects a sample with minimum distress to the animal.
- **Clean, uncontaminated sampling ...** The genetic material is sealed in a specially designed preservative so samples can be stored safely for several days before being shipped to the lab for testing.
- **Visual, DNA-sample identification ...** Instant confirmation of on-farm sampling success. No more guessing whether enough genetic material has been gathered.
- **Minimize retesting ...** Tissue samples contain a large quantity of high quality DNA for genetic analysis yielding excellent lab results. Often samples contain enough genetic material to do multiple tests.

nextGen 
tissue sampling technology
for the livestock industry

by 
identification is in our genes

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