

'The TSU is tried and trusted!' Meredith Andrews, Raby Stud, NSW

'Since moving DNA sampling of 3000 progeny annually from blood cards to the Allflex TSU's, the job has become so much easier, more accurate and more efficient. The applicator is simple to use and we have not had a single retest requested from the lab due to contamination.'

The speed of processing lambs has greatly increased as we FlockTag, RapIDTag and TSU. The 2D barcode ensures error free linkage of the TSU to the animals RFID tag.

Using a 2D barcode scanner, RFID stick reader and an XR3000, we record the data and send an electronic file to the lab, eliminating human data entry errors, illegible writing or pieces of paper splashed with blood. We couldn't recommend the TSU to sheep breeders highly enough and we certainly could not imagine going back to using blood cards. The TSU is tried and trusted' said Meredith.

Meredith Andrews – Breeding Program Administrator
Raby Stud, Hassad Properties,
Warren NSW



About

Allflex Livestock Intelligence is the world leader in the design, development, manufacturing and delivery of solutions for animal identification, monitoring and traceability. Our data-driven solutions are used by farmers, companies and countries to manage hundreds of millions of animals worldwide. By putting intelligent, actionable management information into farmers' hands, our solutions empower them to act in a timely manner to safeguard their animals' health and wellbeing, while achieving optimal production outcomes for a healthy food supply. Allflex Livestock Intelligence is a livestock portfolio of digital products within MSD Animal Health.

Through its commitment to the Science of Healthier Animals®, MSD Animal Health offers veterinarians, farmers, pet owners and governments one of the widest ranges of veterinary pharmaceuticals, vaccines and health management solutions and services as well as an extensive suite of digitally connected identification, traceability and monitoring products. MSD Animal Health is dedicated to preserving and improving the health, wellbeing and performance of animals and the people who care for them.

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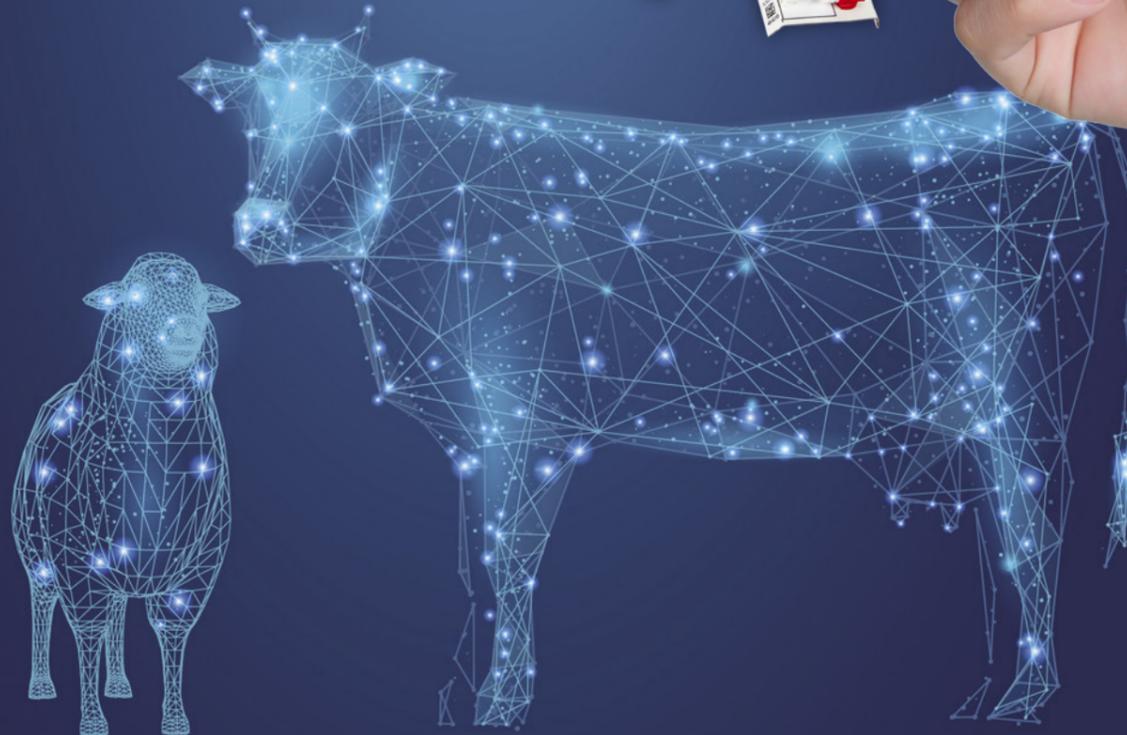
Livestock Intelligence™

MSD Animal Health Intelligence

Allflex Livestock Intelligence

Tissue Sampling Unit (TSU)

Matching TSU, NLIS and visual management tag all in one tray; creating an absolute sample-to-animal linkage!



allflex.com.au

DNA Sampling Simplified

- Clean, uncontaminated testing, yielding excellent lab results.
- Easy-to-use; collect samples in seconds with a single-squeeze motion.



TSU with matching NLIS and visual tags
(Large or maxi size options)

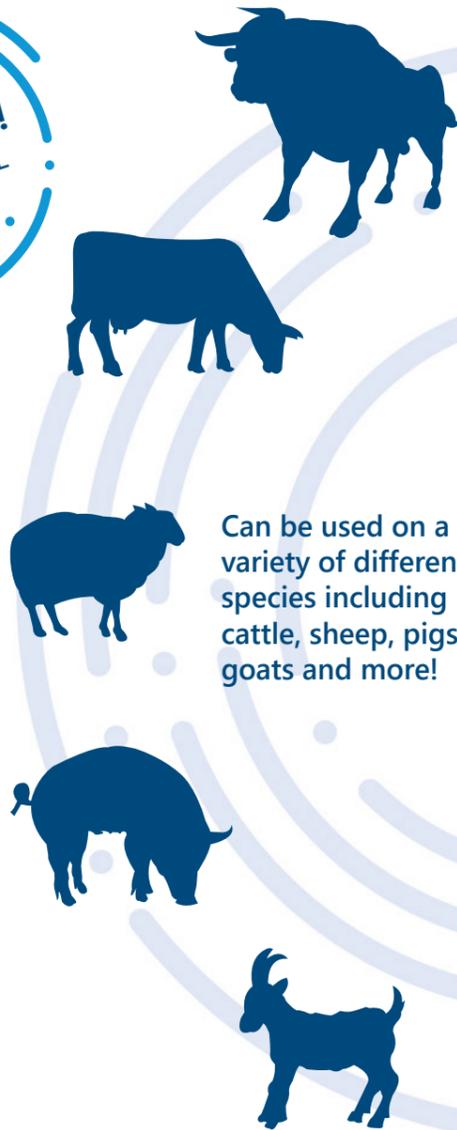


TSU with matching visual tags
(Large or maxi size options)



TSU with matching NLIS tags

ALL IN ONE TRAY!
NLIS, VISUAL
AND TSU



Can be used on a variety of different species including cattle, sheep, pigs, goats and more!

Proven and trusted system

- 96-vial well plate protects samples and is compatible with testing laboratories' systems.
- Available in bulk packs.



Loading apparatus

Cutter (inside) and cutter safety guard (red)

TSU vial with buffer solution



96 well storage rack



Visible sample



Bulk pack (100)



TSU Applicator

The TSU Applicator is an ergonomic sampling plier which allows quick loading and sampling. The sharp cutter assembly includes a double acting system, that ensures the sample is always pushed in and sealed into the sample tube with a single-squeeze motion.

- ✓ **Fast, high performance sample collection**
Samples can be collected in seconds with a single-squeeze motion helping to reduce animal distress and improve worker safety.
- ✓ **Clean, uncontaminated sampling**
The genetic material is sealed in a specially formulated preservative buffer solution allowing for several extractions for multiple testing.
- ✓ **Minimise retesting**
Tissue samples contain a large quantity of high quality DNA for genetic analysis yielding excellent lab results.
- ✓ **Sample Integrity**
The TSU is fully sealed and positively identified with both a 2D barcode and ID panel. The TSU can be paired with matching NLIS and management tags, creating an absolute sample-to-animal linkage.

'TSU technology has greatly improved the quality, efficiency and accuracy of DNA sampling'

Sally Chappell, Dulverton Angus Stud, NSW

For the last three years over 1,000 stud cattle have been DNA sampled at Greg and Sally's station annually with the Allflex TSU sampling technology.

Allflex TSU technology has greatly improved the quality, efficiency and accuracy of DNA sampling compared to taking tail hairs.

Sally says the greatest benefits have been the elimination of cross contamination; 'Tail hairs are messy and dirty – although we keep the work area clean there's hair and dirt all over the place – it only takes one hair from another animal or a dirty sample to contaminate the sample and your accuracy of parentage is compromised. With the TSU there is absolutely no chance of the sample being contaminated.'

Sally Chappell
Dulverton Angus Stud
Shannon Vale Station, Glen Innes, NSW

