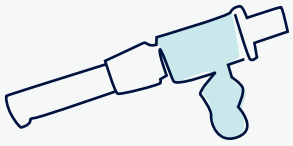
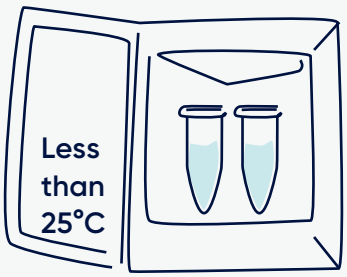
Dairy Australia

COLLECTING DNA SAMPLES FOR GENOMIC TESTING

GENOMIC TESTING ANALYSES DNA SAMPLES FROM HEIFERS TO RELIABLY PREDICT FUTURE PERFROMANCE. IT CAN BE DONE AS EARLY AS BIRTH.





1 **Obtain Tissue Sample Units (TSUs)** and pliers or hair sample cards from your genomic service provider.

2 **Collect samples and record animal information**

Tips for TSU samples:

- Collect sampes at the time of disbudding while calves are sedated or restrained or choose a time that suits your system.
- Follow instructions online or in plier packaging to learn how to load TSUs for the first time.
- Check that the sample is floating inside the Tissue Sample Unit (TSU) before placing into correct position in box.
- Record animal ID next to TSU sample ID.

3 **Store samples at room temperature** until they are ready to be sent.

4 **Send samples** to your genomic service provider.

5 **Genomic test results** will be sent to you by your genomic service provider and accessible on **DataVat**.

6 Your genomic service provider or **DataGene** can help with interpreting your results.

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