

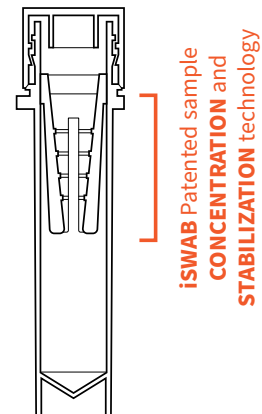
iSWAB™-Animal

Non-Invasive Collection & Stabilization of DNA from Animals

COLLECT • CONCENTRATE • TRANSPORT • EXTRACT • STORE

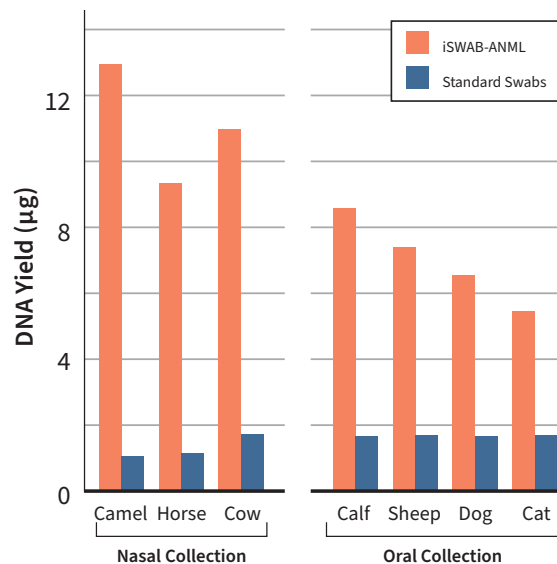
The iSWAB-ANML device is a non-invasive collection system that maintains the integrity of the DNA at the point of collection for samples collected in the field. The swab used for collection is discarded after collection which has shown to significantly reduce processing time, effort, and costs. The iSWAB-ANML is designed to be non-toxic and non-hazardous to enable safe and humane sample collection. The iSWAB device allows samples to be stored at room temperature for over 5 years and can yield over 20µg or more of double stranded DNA ideal for genotyping, microarray, or NGS.

Intended for speciation, hereditary traits, diseases, DNA banking, parentage, forensics, and breed identification. The iSWAB-ANML is scalable and easily integrated in manual and automative sample processes. The iSWAB Proprietary technology ensures <1% bacterial genomic DNA contamination and it's swab-free sample transport reduces sample processing time and cost without compromising sample integrity.



- ✓ **UP TO 10MG OF ANIMAL GENOMIC DNA:** High-quality DNA (double-stranded, long fragment) ideal for direct PCR, microarray, or NGS.
- ✓ **ACHIEVE <1% BACTERIAL GENOMIC DNA CONTENT:** Low bacterial genomic DNA content in collected samples.
- ✓ **FIELD COLLECTION IN <2 MINUTES:** Simple, easy, fast, and convenient sample collection.
- ✓ **SWAB-FREE SAMPLE TRANSPORT:** Decrease sample processing time and costs without compromising sample integrity.
- ✓ **ROOM-TEMPERATURE STABLE:** Reduce sample storage and transport costs by eliminating cold chain requirements. iSWAB kits and collected samples are room-temperature stable for several years.
- ✓ **TRACEABLE AND RELIABLE CHAIN OF CUSTODY:** LIMS-compatible unique bar-codes included on each iSWAB device for efficient traceability and storage purposes.
- ✓ **SCALABLE AND EASY TO PROCESS:** Manual and automation friendly sample processing. Small vial footprint reduces storage space requirements.
- ✓ **ACCOMMODATES SAMPLE COLLECTION FROM VARIOUS ANIMAL SPECIES:** Can be performed using oral or nasal swabs for small and large animals where blood sample collection may be problematic.

High gDNA Yields from Different Animal Species



Average yields are from two standard swabs or single iSWAB collected/animal (n=10).

Catalog No.	Description	Stabilizing Liquid
iSWAB-ANML-250	iSWAB-Animal Collection Kit,	400 µL Tube
ISAN-T-250-R	iSWAB-Animal Collection Kit Rack,	400 µL Tube x 50 Units
ISAN-T-250	iSWAB-Animal Collection Tube,	400 µL Tube



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