



IAB
Institute of Applied
Biotechnologies

Xceed Dry Blood Collection Card



- Designed for self-collection as well as sample collection in healthcare facilities.
- Sample transport and storage at room temperature.
- Non-toxic, easy to use.

The Xceed Dry Blood Collection Card is dedicated for collecting a blood drop, its storage and transport for subsequent nucleic acid isolation and/or fatty acids profiling.

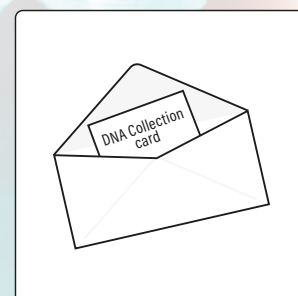
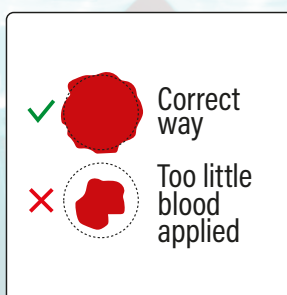
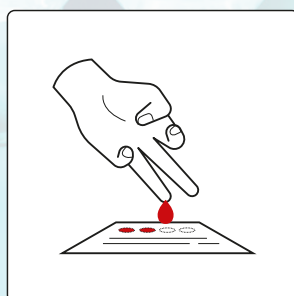
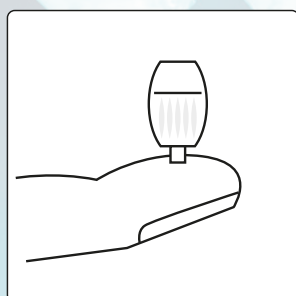
Safe, comfortable, and high-quality sample collection kit

- The **Xceed Dry Blood Collection Card** is a complete sample collection kit designed for safe collection of blood samples, ensuring sample stability during storage and transport at room temperature without the need for any special equipment.
- The kit provides the highest DNA yield on the market and is intended for subsequent isolation of nucleic acids.
- The Xceed Dry Blood Collection Card decreases the impact of environment such as UV radiation, temperature and humidity by establishing controlled microenvironment that minimizes oxidative degradation, thereby enhancing accuracy of fatty acid profiling and quantification.

Sample collection

The kit includes a collection card, a lancet, sterile disinfection swabs, MINI patch, a transport bag with desiccant silica gel packet for the collected sample and instructions for self-collection of blood samples.

- Make a small puncture with the lancet
- Fill the designated areas with a drop of blood
- Allow to dry before placing in the provided bag



The Xceed Dry Blood Collection Card is an in vitro diagnostic medical device and an IVD-certified Class A (non-sterile) product, compliant with Regulation 2017/746 (IVDR).

Universal application

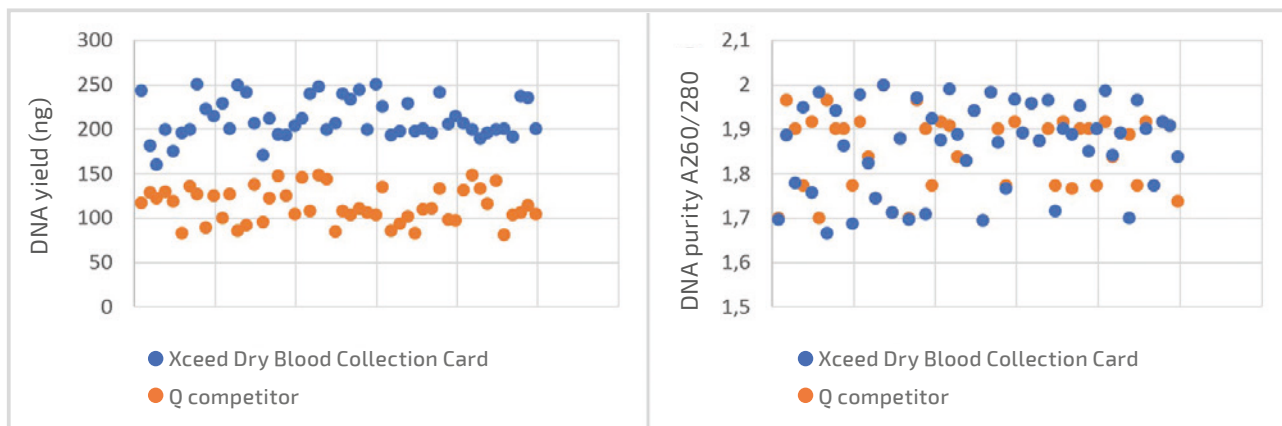
Thanks to the high DNA yield and purity, blood samples collected and stored using the Xceed Dry Blood Collection Card can be used for a wide range of molecular biology methods, including PCR, qPCR, and NGS.

Thanks to its design, The Xceed Dry Blood Collection Card offers a convenient solution for self-collection of blood samples intended for subsequent fatty acid profiling or evaluation of other blood metabolites.

Yield and purity

Comparison of Xceed Dry Blood Collection Card with an Alternative Product on the Market

Xceed Dry Blood Collection Card is a superior kit, ensuring highest DNA yield in comparison with collection kits of other producers (based on the amount of DNA isolated from the same quantity of blood fixed on collection cards), while maintaining the same quality and purity



Graph 1: Yield and Purity of Xceed Dry Blood Collection Card

Compliance with IVDR requirements

The Xceed Dry Blood Collection Card meets the requirements for performance evaluation under IVDR (Regulation 2017/746). Analytical specificity and sensitivity, repeatability, reproducibility, reagent stability, diagnostic specificity, and sensitivity have been fully validated.

Catalog Number	Product	Package
IAF0100.01	Xceed Dry Blood Collection Card	1 pcs
IAF0100.05		5 pcs
IAF0100.50		50 pcs

Producer:

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