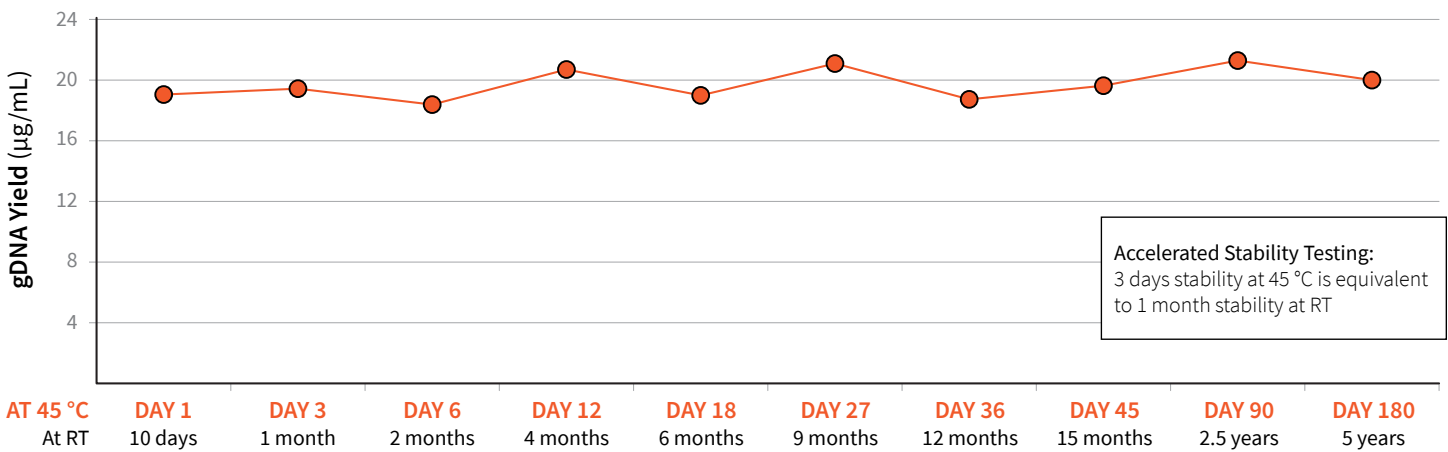
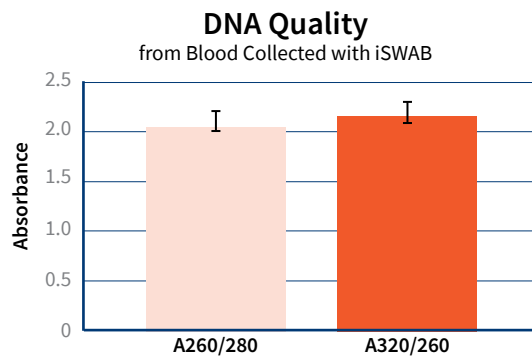
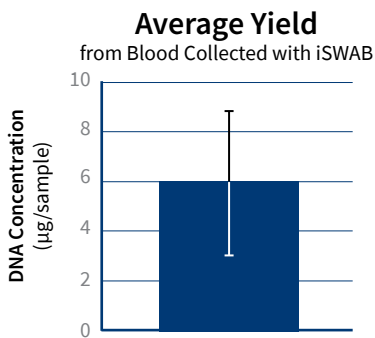


iSWAB Collected Samples are Stable Over Five Years at Room-Temperature



iSWAB is compatible with Blood Spot Collection and Stabilization



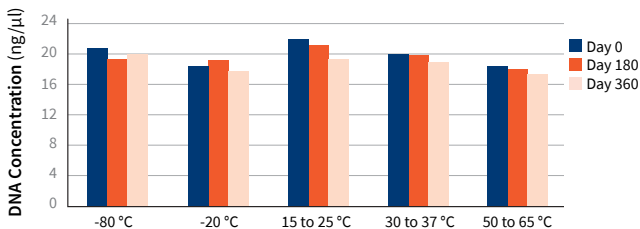
DNA extraction was performed with QiaAMP Blood extraction kit (n=12). The yields are from a single iSWAB tube. Blood drops were collected using 2 cotton swabs. Blood from the swabs was released and suspended in the iSWAB tube. No measurable DNA concentration was obtainable from equivalent volume of blood collected with FTA cards. DNA yields were confirmed with 2 different methods: Nanodrop and picogreen assay.

High Molecular Weight gDNA from Blood Collected with iSWAB



Agarose gel (0.8%) electrophoresis of gDNA samples isolated from 100 µL of human blood collected with iSWAB-ID-250 using QIAamp Blood kit. 4 µL of 100 µL elute was used for electrophoresis. M: DNA/Hind III+EcoR I

iSWAB-ID-250 Real Time Stability Testing-Temperature Effect



iSWAB-ID-250 Preserving Capability. gDNA yields obtained from a pooled iSWAB-ID sample aliquoted and retained at -80°C, -20°C, 15-25°C, 30-37°C, and 50-65°C for 360 days. Yields remained stable and ranged from 18-22 ng/µL.

The data shown here demonstrate iSWAB-ID's preserving capability to recover high yields of gDNA while maintaining its integrity at a wide range of temperatures (-80°C to 65°C), including typical room temperature range (15-25°C).

Direct PCR-STR Kits Compatible with iSWAB-ID

Thermo Fisher

AmpFLSTR® Identifiler® Direct PCR Amplification Kit*

Promega

PowerPlex® Fusion Systems*

PowerPlex® Y23 System*

mawi

Mawi DNA Technologies LLC

26203 Production Ave, Suite No.3 | Hayward, CA 94545 Tel: 510-256-5186

Toll Free (US & Canada): 855-DNA-SWAB www.MawiDNA.com

EC REP CEpartner4U Esdoornlaan 13 |
3951 DB Maarn | The Netherlands
www.cepartner4u.com

