



low-resource regions

10 Reasons to Use DBS for Specimen Collection

- alleviate cold chain barriers²
- economical specimen transportation to central lab¹
- preserve specimen without centrifugation⁴
- collect specimen from fingerstick with non-clinical personnel³
- decrease risk to health care workers¹
- reduces consumable-associated costs³
- no venipuncture decreases donor discomfort¹
- environment does not need to be controlled³
- storage footprint at ambient temperature²
- simplify and decentralize disease diagnosis and monitoring¹

No Lab Facility. No Phlebotomist. No Electricity.

These are just some of the issues faced by researchers and clinicians when studying and serving populations living in low-income, and typically rural, areas. Collecting and preserving blood samples presents several logistical hurdles and transporting those specimens back to a central lab for processing is costly. Dried blood spots (DBS) offer a convenient, economical alternative to traditional specimen collection for low-resource regions.