

Evercode Whole Blood Fixation

Evercode™ Whole Blood Fixation brings the power of single cell sequencing to blood-based translational research by stabilizing whole blood shortly after collection. By eliminating the need for on-site sample preparation requiring specialized equipment or trained personnel, it enables consistent, high-quality sample handling across real-world clinical environments. The workflow avoids the degradation and time pressure associated with fresh samples while preserving the comprehensive, unbiased transcriptome coverage that define the Evercode platform. The result is a practical, scalable solution for multi-site and hard-to-coordinate studies, offering new flexibility without compromising data quality.

Simple Sample Handling

Three-step fixation at collection enables easy handling without specialized equipment.

Preserved Transcript Integrity

Maintain true in vivo transcriptional states, including rare populations.

Scalable Across Study Sites

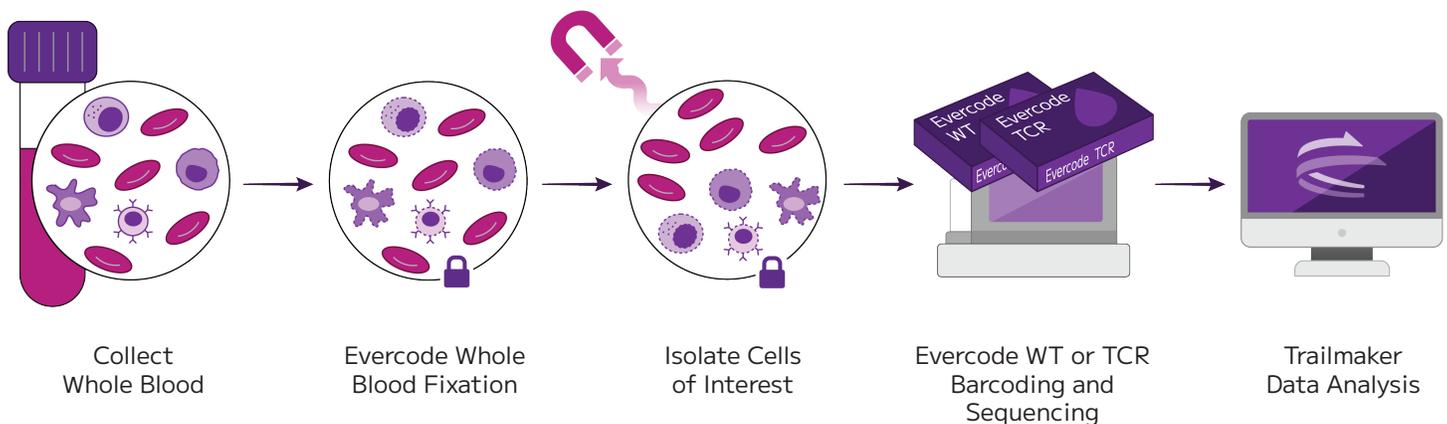
Standardize multi-site and longitudinal work with reproducible handling across centers.

Unbiased Whole Transcriptome Profiling

Unlock whole transcriptome discovery without the constraints of probe-based assays.

Fix at Collection. Analyze on Your Schedule.

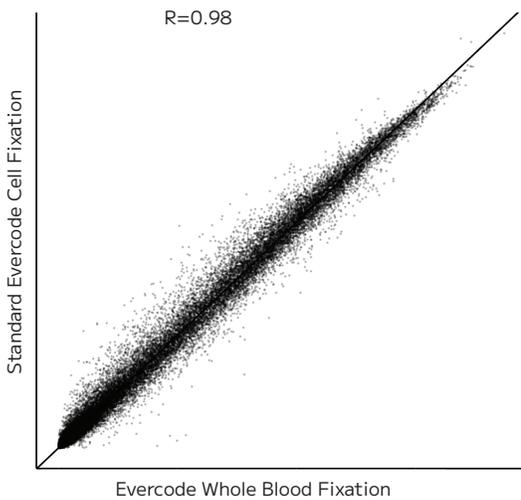
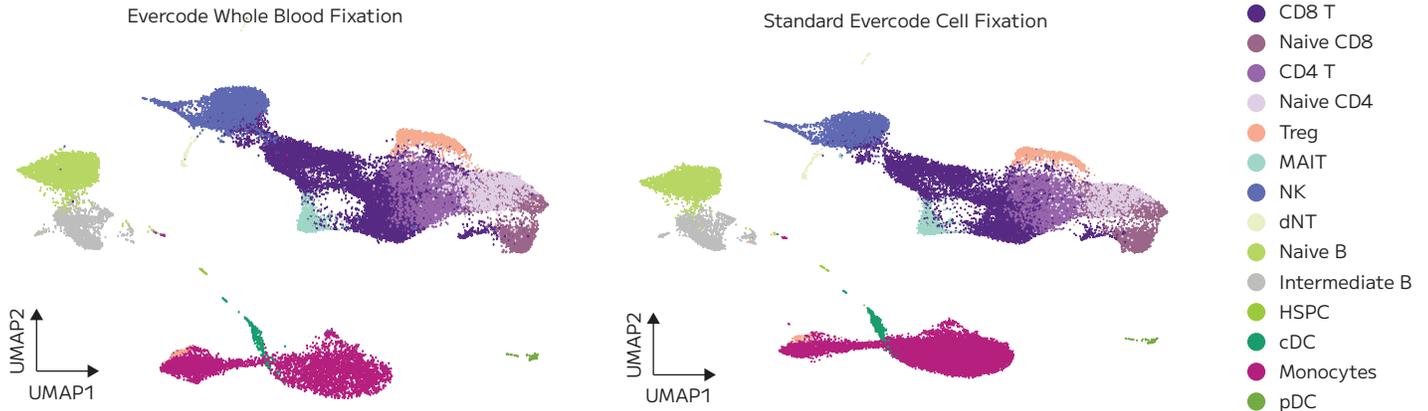
Evercode Whole Blood Fixation stabilizes whole blood shortly after draw, enabling flexible downstream cell isolation for single cell analysis. By separating collection from processing, the workflow simplifies logistics and ensures high-quality data across sites and time points.



End-to-end workflow for whole blood-based single cell analysis.

Evercode Whole Blood Fixation is added at the point of collection to lock in biology and enable flexible storage and transport. Cells of interest are isolated from fixed samples and carried through the Evercode Whole Transcriptome or TCR assay, sequencing, and Trailmaker data analysis.

Workflow Freedom Without Sacrificing Data Quality



Evercode Whole Blood Fixation produces PBMC profiles equivalent to those generated using standard Evercode Cell Fixation.

Donor-matched samples processed with either method recover all major and low-abundance immune populations, including plasmacytoid dendritic cells (pDCs), with UMAP embeddings showing highly similar cluster structure and distribution (top). Pseudobulk gene-expression analysis of the same samples reveals strong concordance across thousands of genes (bottom), confirming that Evercode Whole Blood Fixation preserves both cellular diversity and global transcriptional patterns suitable for differential expression and biomarker

The Flexibility to Build Studies the Way You Need

MULTIPLE KIT SIZES

Evercode Whole Blood Fixation, 12 Reaction
Evercode Whole Blood Fixation, 48 Reaction

BROAD DOWNSTREAM COMPATIBILITY

Evercode Whole Transcriptome
Evercode TCR



For research use only. Not for use in diagnostic procedures.

Evercode Whole Blood Fixation Product Sheet - Version 1.0
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