

# BiCER

## CELL-FREE HEMOLYSIS-FREE PLASMA ISOLATION

### WHAT IS BICER?

BiCER (Blood Cell Removal) is a chemo-mechanical blood collection and plasma isolation kit. This kit is designed for clinical or at-home diagnostics, facilitating blood-based testing at the point-of-care. BICER is ideal for usage in a point of care or low resource setting, such as a developing nation clinic.

### WHY IS BICER NEEDED?

BiCER enables better sample collection and processing in low income and low technology settings. Due to the stability and speed of its processing, this kit enables development of more sophisticated point of care tests. Current sample collection processes are not stable until they reach centrifugation, which is a problem when collecting samples in remote or point of care settings.

### HOW DOES BICER WORK?

BiCER works by taking a small amount of blood via finger prick, heel prick, or venous blood draw, and separating out plasma via a cell removal process.



### WHAT MAKES BICER DIFFERENT?

BiCER is the only point of care device that can provide lab quality stability and yields with processed samples. This kit thus allows for more robust sample collection in challenging point of care settings. Through a single finger prick BiCER can translate 300ml of whole blood to 150ml of processed plasma in 3 minutes, bringing a unique and necessary innovation to the sample collection market.

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