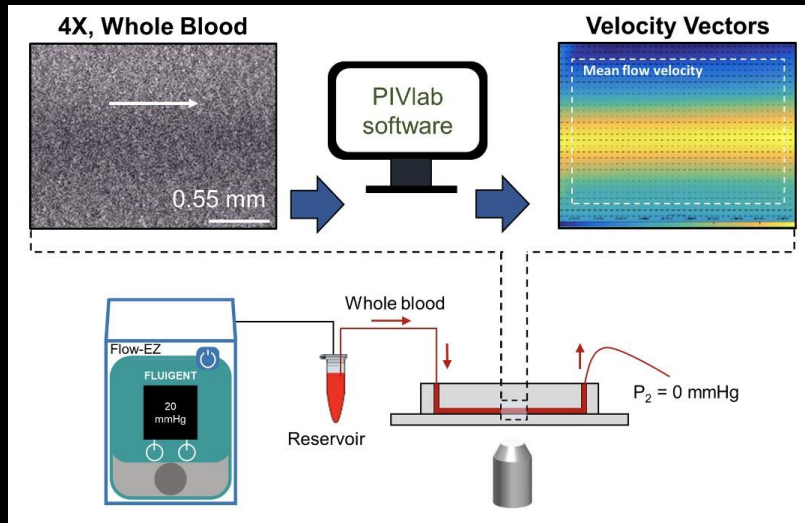


Rheology Chip



About assessing whole blood viscosity and microvascular flow conditions

Typical Uses

Adhesion & Viscosity

The RheologyChip can be functionalized with adhesion proteins for simultaneous adhesion & viscosity measurements

Whole blood flow properties

Combined effect of adhesion and RBC deformability can be measured via analyzing blood flow

Hypoxia

The RheologyChip can be integrated with our micro-gas exchanger (hypoxia assay) to measure whole blood viscosity in hypoxia

- Drug Development
- Personalized Medicine
- Clinical Research

Highlights

Targeted Therapies

Drugs that target whole blood rheology

Curative Therapies

NHLBI-supported multi-site study to assess RBC mediated microcapillary occlusions before and after a gene-based therapy for curative intent¹

Based on publication: AJH, 2020

1. <https://curesickle.org>



BioChip Labs

"Disrupting disease through better diagnostics"

BioChip Labs
7100 Euclid Ave Ste 175
Cleveland, OH, USA

TEL: 216-860-0426
FAX: 440-394-7288
INFO@BIOCHIPLABS.COM