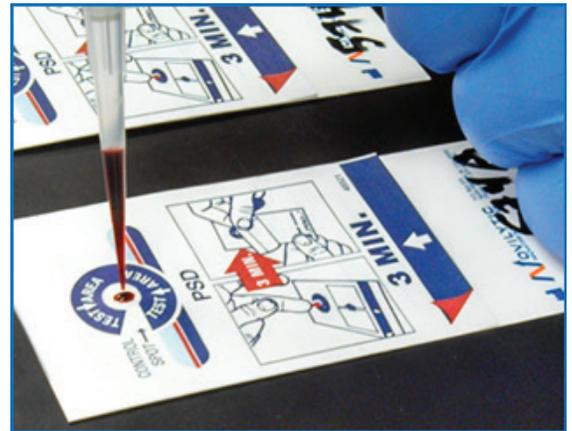
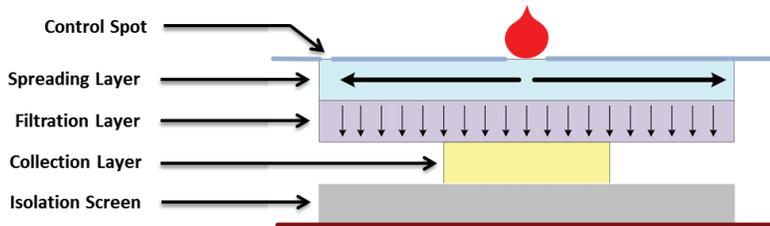


Noviplex Card Plasma Separator Technology

Simple, Rapid, Reproducible Collection of Plasma

Noviplex enables the collection of 2.5 μL aliquots of plasma from whole blood within 3 minutes, circumventing the need for venipuncture and blood collection in specialized vials by a phlebotomist as well as the requirements for centrifugation and refrigerated storage.



Subsequent to deposition of a blood drop on a small card composed of a laminated membrane stack, the sample is rapidly spread laterally by capillary action in the first membrane layer and then proceeds as a front into a second membrane where cells are removed by a combination of adsorption and filtration. Simultaneously, plasma is drawn down through the membrane matrix to the collection disc at the bottom of the membrane stack. The upper layers of the membrane assembly are stripped from the card, exposing the plasma filled collection disc to the atmosphere, which is ready for analysis (or transport) within 15 mins.

Significant advantages of the Novilytic Noviplex Card technology include:

- Rapid sample preparation for MS-based analysis, while maintaining assay reproducibility and selectivity.
- Volumetric plasma sample collection using a single drop of whole blood. Specimen volumes as low as 25 μL .
- Plasma Separator kits simplify sample preparation. Eliminates need for solvent extraction, centrifugation, and evaporation.

Learn more at:

www.DriedPlasmaSpots.com

