

# Introducing the GattaCo **PRISM™**

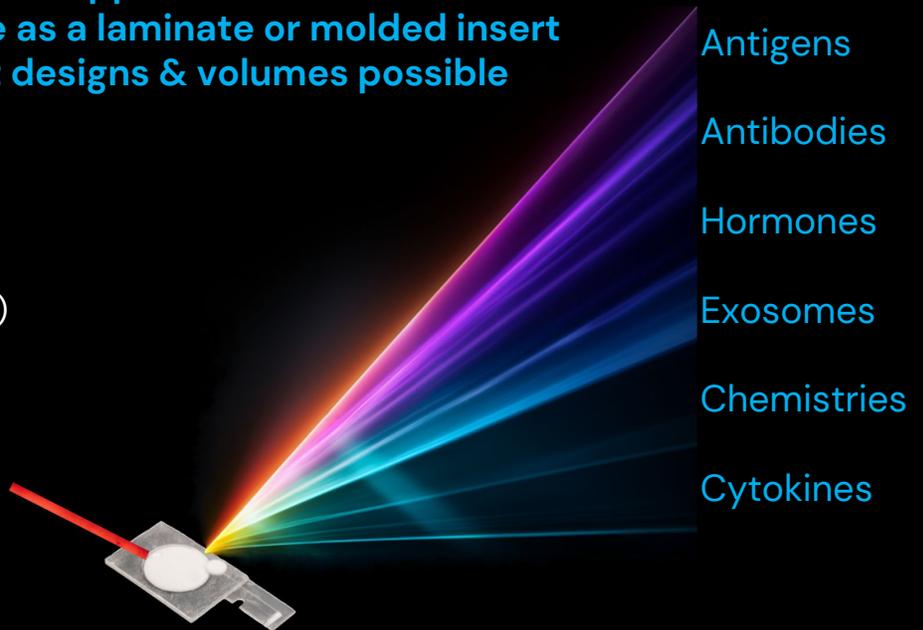
A Modular Passive Plasma Separation and Metering Insert  
for POC testing of Biomarkers in Blood

## Fingerstick Blood In – Lab Quality Liquid Plasma Out

- **Unlock increased biomarker measurement clarity**
- **For high sensitivity, quantitative and multiplexed applications**
- **Available as a laminate or molded insert**
- **Different designs & volumes possible**

### Representative Specifications (Independent of HCT)

- Plasma Output: 3 to 10 $\mu$ L, +/- 5%
- Blood Input: (4-5x plasma output)
- Separation Time: 1-4 minutes
- Biomarker recovery compared to centrifuged plasma: 50-120% depending on biomarker and degree of optimization



### Select Clinical Chemistry Biomarkers ( $\pm$ 10% of centrifuged plasma)

- |                                  |                        |
|----------------------------------|------------------------|
| alkaline phosphatase (ALP)       | indirect bilirubin     |
| aspartate aminotransferase (AST) | urea nitrogen          |
| alanine aminotransferase (ALT)   | uric acid              |
| gamma-glutamyl transferase (GGT) | total cholesterol      |
| potassium (K)                    | triglyceride           |
| sodium (Na)                      | HDL-cholesterol        |
| chloride (Cl)                    | LDL-cholesterol        |
| calcium (Ca)                     | total protein (TP)     |
| inorganic phosphorus             | creatinine kinase (CK) |
| A/G Ratio                        | creatinine             |
| glucose                          | LDH                    |
| total bilirubin                  | cholinesterase         |



High Purity Liquid Plasma



To Inquire, view Data & more  
please visit [www.gattaco.com](http://www.gattaco.com)