



GATTACO™

Lab Quality Liquid Plasma ANYWHERE

FOR SELF-SAMPLE COLLECTION OR POINT OF CARE TESTING

The GattaCo A-PON™ Plasma Separator removes the need for phlebotomy and centrifugation and easily converts fingerstick blood to liquid plasma in under 4 minutes without any specialized knowledge or equipment. The plasma obtained fits seamlessly into existing testing workflows without changing established thresholds.

- Superior Sample Quality
- Plug and Play Usability

A-PON™ Plasma Separator – 25 Pack Available Now

USFDA Class-I Registered Medical Device

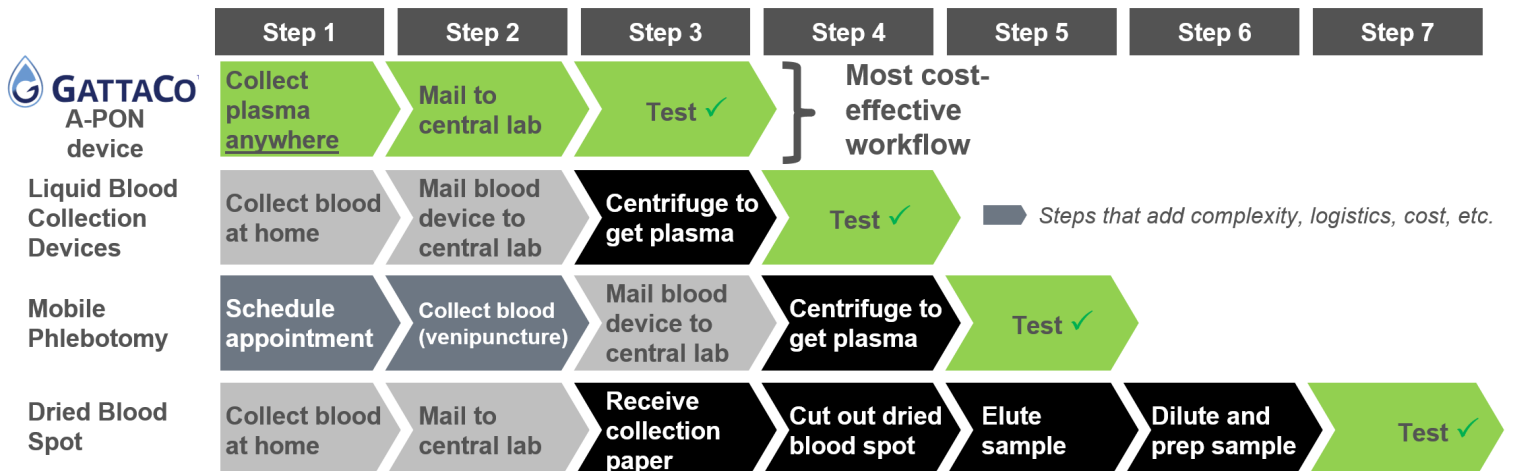
Specifications:

- Blood Input: 75 µL via integrated EDTA-coated capillary
- Plasma Output: 14 µL +/- 3.5%
- Plasma Separation & Collection Time: < 5 minutes
- Plasma Quality: Clear with no visible cellular content



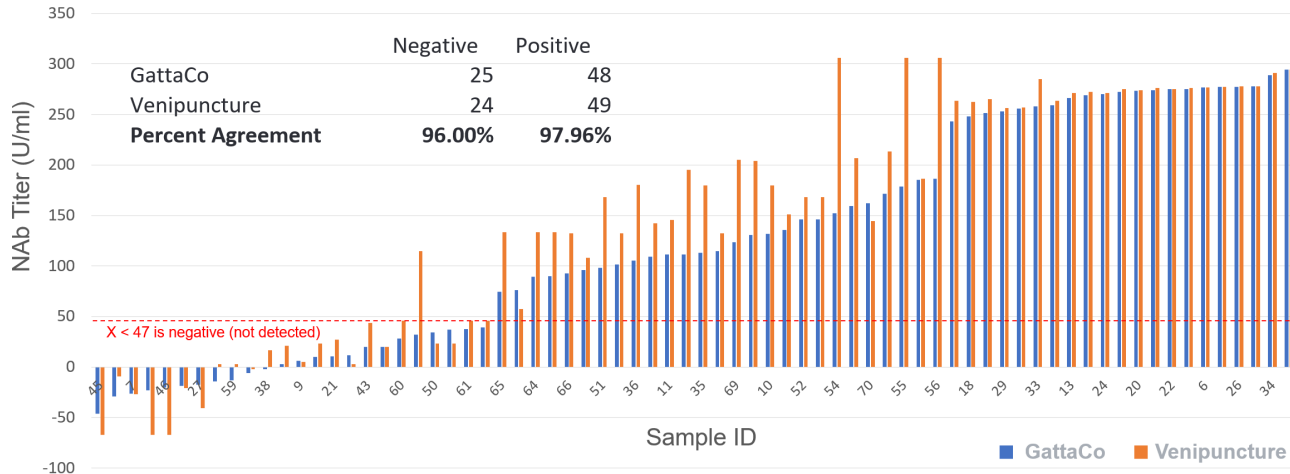
| GATTACO™ BENEFITS | Testing Labs | Clinical Studies | Point-of-Use |
|--------------------------|-------------------------------------|---|----------------------------|
| ANYWHERE CONVENIENCE | Eliminate Lab Visits | Increased participant diversity & retention | Access users directly |
| LAB-QUALITY READY TO USE | Fewer steps, less sample-prep error | Fewer steps, less sample-prep error | Provides test-ready sample |
| EASY TO INTEGRATE | Streamlined workflow | Streamlined workflow | Fits existing tests |
| COST EFFECTIVE | Less back-end logistics | Eliminate phlebotomist | Eliminate phlebotomist |

Expand Your Market Access



Use in Infectious Disease Testing

Clinical Blood Samples: Natural and Spiked



Neutralizing Ab Titer Measured Using cPASS™ Assay by GenScript
(RUO mode - otherwise test FDA EUA cleared for Qualitative & Semi-Quantitative Testing)

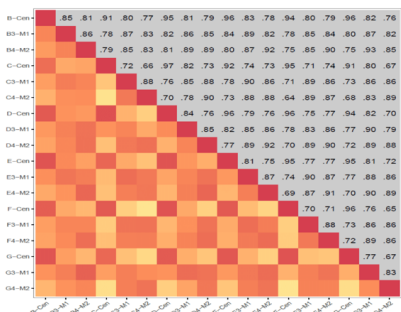
BioMarker Types

- Clinical Chemistry
- Antigens
- Antibodies
- Hormones
- Exosomes
- Nucleic Acids
- Cytokines, etc.

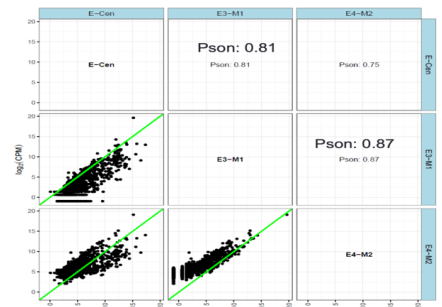
Analysis Methods

- ELISA
- LBA
- LC-MS
- Microarrays
- BioSensors
- LFA
- + others

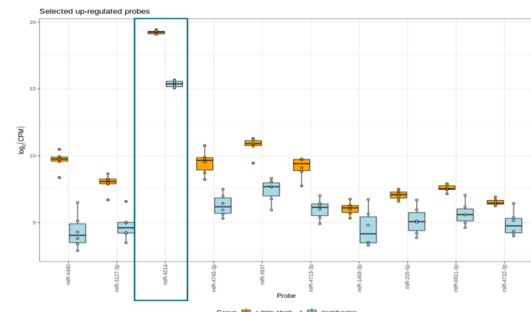
Use in Remote Cancer Trials



miRNA Whole Transcriptomic Analysis showed high correlation values (>0.65) across all plasma samples (12 GattaCo, 6 centrifuge)



100% assay markers detected: >2800 miRNA/sample
(Donor-E data shown. GattaCo:M1,M2; Centrifuge: C)
20ul plasma per sample used in Direct NGS WTA assay.
All samples passed QC.



Subset of biomarkers like miR-451a had better detection using GattaCo device than centrifugation. miR-451a is associated with gastric cancer and possible drug-specific chemotherapy resistance.

Select Clinical Chemistry Biomarkers

(± 10% of centrifuged plasma using Gen-2 device)

- | | |
|----------------------------------|------------------------|
| 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 |

Optimized for BMP

| At-Home Full BMP Panel | Control | Gen-2 |
|------------------------|---------|-------|
| Na | 141 | 144 |
| K* | 3.7 | 4.5 |
| Cl | 103 | 110 |
| iCa | 1.25 | 1.06 |
| TCO2_Venous | 26 | 25 |
| Glu* | 81 | 81 |
| BUN | 13 | 17 |
| Crea | 0.8 | 0.8 |

*Degrade rapidly in whole blood. Control is plasma from blood centrifuged immediately. i-STAT Chem-8 Cartridge used for data.

Measurement of a cocktail of 9 small & middle molecules by LCMS showed excellent reproducibility at high concentrations - MCG Test Results

GattaCo Collaboration Partners Include:



To order the A-PON, view Data, IFU, Demo Video & more please visit gattaco.com

