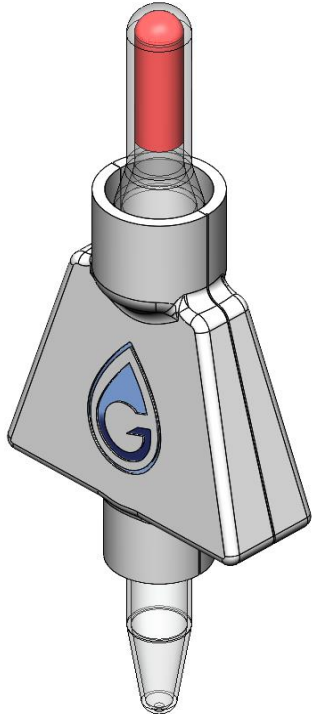




GATTACO™

Lab Quality Liquid Plasma ANYWHERE

SECOND GENERATION DEVICE FOR SELF-SAMPLE COLLECTION



GattaCo is developing a second-generation Blood-Plasma Separator for Self-Sample Collection. The Gen-2 device streamlines and simplifies the A-PON™ workflow for the patient, with higher sample volumes. Similar to GattaCo's A-PON, the Gen-2 device eliminates the need for phlebotomy and centrifugation and easily converts fingerstick blood to liquid plasma at home 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

Target Specifications:

- Blood Input: 300 µL via integrated EDTA or LiHep-coated tube or capillary inlet.
- Plasma Output: 100 µL
- Plasma Quality: Clear with no visible cellular content

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:

