

Urinary Analyte Stabilizer (UAS)

A novel preservative for urinary EV and cfDNA stabilization



COLLI-PEE®

Colli-Pee® is a urine collection device that can be used by men and women for standardized and volumetric collection of first-void urine. The platform consists of variants capturing a range of urine volumes (4 mL to 45 mL) for different application purposes.*

The device architecture also enables immediate mixing of urine and preservative for adequate stability, ensuring that results are not affected by microbial growth and physiochemical changes.



Liquid biopsies: When tissue is an issue

- Minimally invasive
- Address tumor heterogeneity
- Allow serial sampling
- Allow real-time monitoring
- Cost-efficient

For more ease of use and safety: Yellow is the new red

- Non-invasive
- Allows home sampling
- Not limited by health status of the patient
- No risk for bloodborne pathogen transmission
- High volume, allowing multi-omic testing (DNA, RNA, Protein, EVs, Exosomes)

URINARY ANALYTE STABILIZER (UAS)**

- Specifically designed for urine samples
 - Non-lytic preservative
 - Preliminary results indicate that collection and transport of samples at room temperature for at least 7 days is feasible
 - 4:10 Preservative to sample ratio for optimal preservation performance across a wide spectrum of urinary samples
 - Multidirectional approach to stabilize urinary EVs and cfDNA
 - Evaluated on healthy donors; patient testing ongoing
 - Extraction compatibility for cfDNA and EV studies - filtration, centrifugation and precipitation
 - Prototypes available for evaluation purposes with MSDS and IFU
- Ongoing studies for further characterization of EVs and patient cohort performance testing

HOME SAMPLING

Home-based urine collection improves patient flow, avoids unnecessary travel to the hospital and protects the most vulnerable patients from an increased risk of infection.

Customized Colli-Pee® boxes under development for home-based urine collection.



*Some variants are in development

**Under development, patent pending