**FLOURISH Lab Processing Algorithms**

1. **COHORT A**

***Mother HIV(-):***

**Enrollment and Birth**

Rapid HIV testing (fingerprick)

***Mother HIV(+):***

**Enrollment and Birth**

***All Infants Birth:***

*\*Separate templates for HEU and HUU*

***Infants HIV-unexposed Birth:***

Blood for storage

Stool for storage

***Infants Follow Up Y3-5:***

***Children Enrollment:***

Rapid HIV testing (fingerprick)

1. **COHORT B**

***Child Follow Up Y3-5:***

1. **COHORT C**

***Child/Youth Female >12 yo:***

Urine for HCG POCT

***Child/Youth:***

***Prioritize specimen testing in the following order of importance (for consent V2.1):***

1. ***SST (no additive) 5 mL***
   1. ***Fasting glucose***
   2. ***Fasting insulin***
   3. ***Fasting lipids***
   4. ***Creatinine***
   5. ***ALT***
   6. ***AST***
   7. ***Albumin***
2. ***EDTA 4 mL***
   1. ***FBC***
3. ***EDTA 4 mL***
   1. ***Lead***
4. ***EDTA 6 mL***
   1. ***Plasma storage***
5. ***SST 3.5***
   1. ***Serum storage***