Vanguard (Pilot) Study Sample Collection (limited to Biospecimens)

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| Time Point | Legacy Phase/Initial Vanguard Study | Alternative Recruitment Substudy (Phase 2 Expanded) | Provider-Based Sampling Feasibility Study |
| PRENATAL COLLECTIONS |
| Pre-Pregnancy | Maternal blood, spot urine, pregnancy urine[[1]](#footnote-1), vaginal swabs, hair | Maternal blood & urine |  |
| T1/PV1 | Maternal blood, urine, vaginal swabs, saliva Paternal blood, urine, hair, nails | Maternal blood & urine |  |
| T3/PV2 | Maternal blood, spot urine, vaginal swabs, hair, nails, saliva | Maternal blood & urine[[2]](#footnote-2) |  |
| Birth (delivery) | Maternal blood, cord blood, placenta & umbilical cord | Cord blood[[3]](#footnote-3) | Maternal blood, maternal urine, cord blood, placenta & umbilical cord |
| Birth (pre-discharge) | Child heel stick, meconium |  | Child heel stick with 1 additional card for the NCS |
| POSTNATAL COLLECTIONS |
| 1mo | Breast milk | Breast milk |  |
| 3mo |  | Breast milk |  |
| 6 mo | Maternal saliva, breast milk Saliva from 2nd caregiverChild urine | Infant urine |  |
| 12 mo | Child blood, urine, hair, saliva | Child blood, urine, saliva  |  |
| 24 mo |  |  |  |
| 36 mo |  |  |  |

1. Study participants will be asked to collect a urine sample (“pregnancy urine”) the morning after their positive pregnancy test. [↑](#footnote-ref-1)
2. During the time before and during pregnancy, we will ask for permission to collect blood and urine samples twice. If blood and urine have already been collected twice prior to PV2, the participant will not be asked for a third set of biospecimens. [↑](#footnote-ref-2)
3. If you have decided to participate in a cord blood bank program to store your child’s umbilical cord, we will not collect any cord blood for the Study. [↑](#footnote-ref-3)