

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
<b>PRENATAL COLLECTIONS</b>			
<b>Pre-Pregnancy</b>	Maternal blood, spot urine, pregnancy urine <sup>1</sup> , vaginal swabs, hair	Maternal blood & urine	
<b>T1/PV1</b>	Maternal blood, urine, vaginal swabs, saliva Paternal blood, urine, hair, nails	Maternal blood & urine	
<b>T3/PV2</b>	Maternal blood, spot urine, vaginal swabs, hair, nails, saliva	Maternal blood & urine <sup>2</sup>	
<b>Birth (delivery)</b>	Maternal blood, cord blood, placenta & umbilical cord	Cord blood <sup>3</sup>	Maternal blood, maternal urine, cord blood, placenta & umbilical cord
<b>Birth (pre-discharge)</b>	Child heel stick, meconium		Child heel stick with 1 additional card for the NCS
<b>POSTNATAL COLLECTIONS</b>			
<b>1mo</b>	Breast milk	Breast milk	
<b>3mo</b>		Breast milk	
<b>6 mo</b>	Maternal saliva, breast milk Saliva from 2 <sup>nd</sup> caregiver Child urine	Infant urine	
<b>12 mo</b>	Child blood, urine, hair, saliva	Child blood, urine, saliva	
<b>24 mo</b>			
<b>36 mo</b>			

<sup>1</sup> Study participants will be asked to collect a urine sample ("pregnancy urine") the morning after their positive pregnancy test.

<sup>2</sup> 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.

<sup>3</sup> 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.