

# HeLTI Biospecimen Collection: Delivery & Postnatal

MOTHER	Delivery				3 months				12 months				24 months				60 months			
	IND	SA	CAN	CHN	IND	SA	CAN	CHN	IND	SA	CAN	CHN	IND	SA	CAN	CHN	IND	SA	CAN	CHN
<b>Blood (fasting or random)</b>	✓		✓	✓-f					✓-f				✓-f	✓-f			✓-f	✓ (OGTT)	✓-f	✓-f
Plasma (EDTA)	✓		✓	✓					✓				✓	✓			✓	✓	✓	✓
Plasma (Heparin)	✓								✓				✓	✓			✓	✓		
Serum	✓		✓	✓					✓				✓	✓			✓	✓	✓	✓
DNA (Buffy coat)	✓			✓					✓				✓	✓			✓	✓		✓
Pax-gene (RNA)																	✓			
DMSO	✓								✓					✓				✓		
Urine				✓					✓											
Rectal swab	✓																			
Breast milk (card + sample)				✓	✓			✓												
Saliva (awakening cortisol response)				✓													✓			
DXA																				
<b>INFANT/CHILD</b>																				
<b>Blood (fasting)</b>	✓ (cord)			✓ (cord)													✓ (OGTT)	✓ (OGTT)	✓-r	✓ (OGTT)
Plasma (EDTA)	✓			✓													✓	✓	✓	✓
Plasma (Heparin)				✓													✓	✓		✓
Serum				✓													✓	✓	✓	✓
DNA (Buffy coat)	✓			✓													✓	✓		✓
PaxGene (RNA)	✓			✓													✓	✓		✓
Blood-random (heel)	✓			✓									✓	✓						
Placenta	✓			✓																
Umbilical cord	✓																			
Buccal swab				✓									✓	✓		✓				✓
Urine													✓				✓	✓		
Meconium	✓																			
Stool				✓				✓				✓	✓				✓			✓
Saliva (awakening cortisol response)																	✓			
Saliva (response to blood sample)																	✓			
DXA	✓												✓	✓			✓	✓		

✓	All participants	✓-r	Random glucose
✓	Subset in each arm	✓-f	Fasting glucose
✓	Requires additional funds	OGTT	Sampling post a Glucose Tolerance Test