

HeLTI Biospecimen Collection: Preconception & Pregnancy

MOTHER	Preconception								Pregnancy							
	Baseline				24 months				10-17 weeks				24-28 weeks			
	IND	SA	CAN	CHN	IND	SA	CAN	CHN	IND	SA	CAN	CHN	IND	SA	CAN	CHN
Blood (fasting or random)	√-r	√-r	√-r	√-f	√-r	√ (OGTT)			√-r	√-r		√-f	√ (OGTT)	√ (OGTT)	√-r	√-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	√	√														
FATHER																
Blood (fasting or random)			√-r	√-r					√	√-r						
Plasma (EDTA)			√	√					√	√						
Plasma (Heparin)				√					√	√						
Serum			√	√					√	√						
DNA (Buffy coat)				√					√	√						
Paxgene (RNA)									√							

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