

Original Sample Collections during Longitudinal Study

The tables below show the samples and quantities requested at each visit in NEPTUNE study. Please note that actual amounts may vary.

Baseline Blood Samples by Type ^a	Na Cit	Serum Epi ^b	SST	SST Epi ^b	Na Hep ^b	EDTA	EDTA-iced ^d
Adult: Baseline Approx Volume (mL)	3.2	3.6	4.8	3.6	2.4	27.2	4.8
Peds > 52 lbs: Baseline Approx Volume (mL)	3.2	3.6	4.8	3.6	2.4	22.4	3.2
Peds 21-51 lbs: Baseline Approx Volume (mL)	3.2	3.6	0	3.6	2.4	8	0
Peds < 21 lbs: Baseline Approx Volume (mL)	0	1.2	0	1.2	1.2	4.8	0

Follow-up Blood Samples by Type ^a	Na Cit	Serum Epi ^b	SST	SST Epi ^b	Na Hep ^b	EDTA	EDTA-iced
Adult: Follow-up Approx Volume (mL)	3.2	1.2	4.8	1.2	1.2	17.6	4.8
Peds > 52 lbs: FU Approx Volume (mL)	3.2	3.6	4.8	3.6	2.4	9.6	3.2
Peds 21-51 lbs: FU Approx Volume (mL)	3.2	3.6	0	3.6	2.4	8	0
Peds < 21 lbs: FU Approx Volume (mL)	0	1.2	0	1.2	1.2	4.8	0

^b Epi indicates samples procured for light sensitive product, stored in light sensitive eppendorf tubes

^c Volume variable

^d Only available for samples collected under Protocols prior to Protocol 4.0

Urine 24h & Spot Baseline & Follow-up	50mL Falcon	5 mL aliquots:	Whole urine ^d	NaN3 - # SN:	RNA-L # pellet	PI - # SN	PI - # pellet:
Whole urine samples Per Participant	2	5					
Clean catch spot Per Participant			4	4	2	4	2
Total Volume	90	20	6.4	6.4	-	0	-

^d Whole urine spot samples collected only if >60 mL sample obtained

Columns specified with a specimen type (Na Cit, 50 mL Falcon, etc) indicate the amount accounted for in the Baseline Biospecimens CRF by research coordinators, collectively.

Abbrev	Sample Type
Na Cit	Sodium Citrate
Serum Epi	Serum, light sensitive
SST	SST
SST Epi	SST, light sensitive
Na Hep	Sodium Heparin
EDTA	Ethylenediaminetetraacetic Acid
50 mL Falcon	24 hour urine, 1-50mL unprocessed whole urine, 1-50 mL whole urine with protease inhibitor cocktail
5 mL aliquots	24 hour urine, 5-5mL unprocessed whole urine
Whole urine	Spot sample, 2 mL unprocessed whole urine
NaN3 # SN	Spot sample, 2 mL spun supernatant with sodium azide
RNA-L # Pellet	Spot sample, 2 mL spun pellet stored in RNA-Later
PI - # SN	Spot sample, 2 mL spun supernatant with protease inhibitor cocktail
PI - # Pellet	Spot sample, 2 mL spun pellet, treated with protease inhibitor cocktail, stored in RNA-Later