

Materials List for:

Breath Collection from Children for Disease Biomarker Discovery

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Materials

Name	Company	Catalog Number	Comments
Breath bag	SKC	237-03	These are 3 L bags
Cardboard mouthpiece	A-M systems	161902	0.86" OD, 2.00" L
Large diameter tubing	Cole Parmer	95802-11	Silicone Tubing, 1/4"ID x 5/16"OD,
Long-term storage caps	Markes International	C-CF010	Brass storage cap 1/4" & PTFE ferrule, pk 10
Male adapter	Charlotte Pipe	2109	Part 1/3 of breath connector (1/2" Universal part No. 436-005)
Male adapter (made from Teflon)	In-house built		Part 3/3 of breath connector (1/4" ID x 1/2" MIP). This part was specially machined from rods made from virgin Teflon
Pump	SKC	220-1000TC-C	Pocket PumpTouch with Charger
Small diameter tubing	Supelco	20533	Teflon tubing L x O.D. x I.D. 25 ft x 1/4 in. (6.35 mm) x 0.228 in. (5.8 mm)
Thermal desorption tubes	Markes International	C2-CAXX-5314	Tube, inert, TnxTA/Sulficarb, cond/cap, pk 10
Tube capping/uncapping tool	Markes International	C-CPLOK	
Two-way ball valve connector	Homewerks Worldwide	VBV-P40-E3B	Part 2/3 of breath connector (1/2")