

**ALSPAC G1 – Children**

If you would like to use samples for a project please contact the Bristol Bioresource Laboratories (BBL) to discuss feasibility, [bbl-info@bristol.ac.uk](mailto:bbl-info@bristol.ac.uk).

Time point	Sample type	Aliquot size	Approximate number of available cases	Storage conditions
Various	Lymphoblastoid cell lines		7100	-180
	DNA		11,000	-80
Birth	placenta formalin		8600	room temp
	placenta glass slides		1200	room temp
	placenta wax blocks		4400	room temp
	cord slices		4600	-20
	blood derived samples may be available, contact BBL for further information			
6 to 18 months	hair		4850	room temp
	nails		4900	room temp
31 months	plasma, EDTA		30	-80
3 years	hair		4200	room temp
	nails		4400	room temp
43 months	plasma, EDTA	500ul	550	-80
	plasma, EDTA	200ul	110	-80
4 years	hair		5050	room temp
	nails		5000	room temp
61 months	serum	500ul	500	-80
	plasma, EDTA	500ul	510	-80
5 to 7 years	teeth		3500	-20
7 years	red cells, EDTA		5600	-80
	white cells, EDTA		5000	-80
	plasma, EDTA	500ul	5400	-80
	plasma, EDTA	200ul	3700	-80
	serum	500ul	4100	-80
	serum	200ul	510	-80
	blood spot, EDTA	5 spots	3400	room temp
7 to 8 years	urine		80	-20
	baseline fasting plasma, heparin	500ul	760	-80
	baseline fasting plasma, heparin	200ul	590	-80
	post glucose plasma, heparin	500ul	760	-80
	post glucose plasma, heparin	200ul	630	-80
9 years	plasma, heparin	200ul	5100	-80
	blood spot, CPDA	5 spots	5200	room temp
	PBL, CPDA		4600	-180

Time point	Sample type	Aliquot size	Approximate number of available cases	Storage conditions
10 years	urine		2900	-20
	mouthswab		6800	-20
11 years	plasma, heparin	500ul	3100	-80
	plasma, heparin	200ul	4800	-80
	blood spot, CPDA	5	1000	room temp
	PBL, CPDA		880	-180
	HbA1c (prepared sample)		4900	-80
	mouthswab/saliva		7200	-20
12 years	saliva		6800	-20
12-13 years	urine		100	-80
13 years	plasma, heparin	500ul	3300	-80
	plasma, heparin	200ul	3300	-80
	HbA1c (prepared sample)		3300	-80
	blood spot, CPDA	4	300	room temp
	PBL, CPDA		300	-180
15 years	plasma, EDTA	200ul	3500	-80
	plasma, fluoride	300ul	3600	-80
	plasma, heparin	500ul	3600	-80
	plasma, heparin	200ul	2900	-80
	HbA1c (prepared sample)		3700	-80
	white cells, EDTA		3200	-80
	blood spot, CPDA	4	360	room temp
	PBL, CPDA		270	-180
	urine, initial flow	4000ul	2700	-20/-80
	urine, mid flow	4000ul	2400	-20/-80
	hair		2600	room temp
17 years	plasma, EDTA	200ul	3000	-80
	plasma, fluoride	300ul	3400	-80
	plasma, heparin	500ul	2900	-80
	plasma, heparin	200ul	3000	-80
	HbA1c (prepared sample)		3400	-80
	blood spot, CPDA	4	2000	room temp
	PBL, CPDA		1800	-180
	urine	4000ul	3400	-20/-80
	hair		3800	room temp
21-22 years	serum	500ul	30	-80
	urine	1000ul	70	-80

<b>Time point</b>	<b>Sample type</b>	<b>Aliquot size</b>	<b>Approximate number of available cases</b>	<b>Storage conditions</b>
24-25 years	plasma, EDTA	500ul	3300	-80
	plasma, EDTA	200ul	3300	-80
	plasma, heparin	500ul	3100	-80
	plasma, heparin	200ul	3300	-80
	serum	200ul	2000	-80
	blood spot, CPDA		540	room temp
	PBL, CPDA		540	-180
	PAXgene RNA		3300	-80
	urine	4000ul	3800	-20/-80