1958BC Biosamples

The 1958 Birth Cohort has plasma, serum and saliva samples available on up to 8000 participants as summarised in the table below. Access to DNA, lymphoblastoid cell lines and other samples/data from the biomedical sweep or other sweeps available under the standard open application procedure can also be requested as part of your application. Release of linked data and samples will be under study specific linkage keys (identification keys) generated for each individual application awarded to preserve cohort participant anonymity.

	Early morning saliva	Late morning saliva	Citrated plasma residue	Plain serum residue	EDTA plasma	CPDA plasma
Max. no. aliquots remaining	1 (varying vol)	1 (varying vol)	1 (varying vol)	1 (varying vol)	Up to 6 x 500µl* + 1 varying vol.	Up to 6 x 500µl* + 1 varying vol.
No. cases with ≥ 1 500µl remaining	6618	6618	7597	6400	8063	7848
Processing protocol	Shipped by post at ambient temp. -80°C for short period Shipped at ambient temp. Refrozen and returned to bank currently stored at -80°C.	Shipped by post at ambient temp. -80°C for short period Shipped at ambient temp. Refrozen and returned to bank currently stored at -80°C.	In post at ambient temp. Plasma removed stored at -70°C, shipped frozen for analysis. Thawed and refrozen. Residue retained at -80°C.	Shipped by post at ambient temp. Serum separated and analysed. Residue retained at -80°C	Shipped by post at ambient temp. Plasma removed and stored in 0.5ml aliquots at at -80°C.	By product from sample taken for production of lymphoblastoid cell lines. Shipped by post at ambient temp. Plasma removed and shipped to processing laboratory at ambient temp. Stored in 0.5ml aliquots at -80°C.
Processing location	St Georges's Hospital Medical School then Germany	St Georges's Hospital Medical School then Germany	Royal Victoria Infirmary, Newcastle	Royal Victoria Infirmary, Newcastle	St George's Hospital Medical School	ALSPAC, University of Bristol then St Georges's Hospital Medical School

Data from ACCC website 28-7-2015

No. days from taking sample to arrival in lab			1 day 18.9% 2 days 47.1% 3 days 24.2% 4 days 7.2% 5 days 1.5% >5days 1.0%	1 day 18.9% 2 days 47.1% 3 days 24.2% 4 days 7.2% 5 days 1.5% >5days 1.0%		** 1 day 17.8% 2 days 45.6% 3 days 24.9% 4 days 7.8% 5 days 1.9% >5days 2.0%
Existing assays	Cortisol	Cortisol	Glycosylated haemoglobion fibrinogen, tissue plasminogen activator, von Willebrand factor, C-reactive protein	triglycerides, total and HDL cholesterol, total and allergen-specific immunoglobulin E, insulin-like growth factor 1	DNA	Lymphoblastoid cell lines

* See table below for further details

**Time to reach ALSPAC

Number of 500µl aliquots available	EDTA Plasma	CPDA Plasma
6	5110	7137
5	2270	380
4	448	123
3	122	84
2	54	65
1	19	59

Data from ACCC website 28-7-2015