

Table. Bioassay Core DTSC/ECL Lab Capacity (as of 2/26/24)

RFA#	Chemical Class	Capability	Biomonitoring Samples	Tissue and Environmental Samples
1	Polybrominated diphenyl ethers	19 PBDEs	serum/plasma	
2	Chlorinated pesticides and polychlorinated biphenyls	7 OCPs	serum/plasma	
		15 PCBs		
3	Poly- and perfluorinated alkyl substances	12 PFAS	serum/plasma	
4		>32 PFAS		
5	Organophosphate/non-PBDE flame retardants	4 OPFR metabolites	urine	
6	Non-targeted chemicals	suspect screening database ~3500 in house	serum/plasma	
7	Elemental screening for product flame retardants	Br, Cl, P, Sb		foam, fabric, garment
8	Specific flame reatardants	6 OPFRs, 9 PBDEs and 2 NBRFs		foam, fabric, garment
9	<i>Polycyclic Aromatic Hydrocarbons (PAHs)</i>	<i>Target PAHs</i>	<i>serum/plasma (in progress)</i>	<i>atmospheric sample (in progress)</i>
10		<i>Non-Targeted PAHs</i>	<i>serum/plasma (in progress)</i>	<i>atmospheric sample (in progress)</i>
11	<i>Cyclosiloxanes</i>	<i>D3, D4, D5, D6</i>	<i>serum/plasma (in progress)</i>	
12	<i>Total Fluorine</i>	<i>TF for prescreening PFAS</i>	<i>serum/plasma (in progress)</i>	<i>carpet, rugs, treatment sprays, food packaging</i>
	Lipids	triglyceride	serum	
		cholesterol		
	Specific gravity		urine	

*The analysis in other matrices and new method beyond those listed here can be discussed for feasibility/timeline

Not listed: dioxins/furans, environmental phenols, POP metabolites, BPA, triclosan, phthalates