

PFAS Exposure™ Self-Collection Blood Test

Offered exclusively by Eurofins, this all-in-one self-collection solution allows you to sample at home or work.

Eurofins Environment Testing has devised a way to self-collect a sample for a PFAS blood test, traditionally requiring a blood draw. This departure represents a leap forward for PFAS testing.

What is the Concern About PFAS?

Per- and Polyfluorinated Alkyl Substances (PFAS), such as PFOA and PFOS, are “forever chemicals” that resist natural breakdown in both our environment and our bodies. These chemicals are used to make products that resist heat, stains, oil, and water. They can be found in Aqueous Film Forming Foam (AFFF) firefighting products and a variety of consumer products. These include food packaging, carpet, clothes, cosmetics, cookware, and cleaning products. PFAS can also be found in your surrounding environment: soil, air, drinking water, and ground water. As people are exposed to these chemicals from different sources over time they may suffer adverse health effects. Exposure to PFAS is linked to cancer, thyroid disease, immune suppression, elevated cholesterol, fetal development, preeclampsia, and ulcerative colitis.

Why Test for PFAS in Blood?

PFAS chemicals are an emerging concern that may lead to serious health problems according to the Centers for Disease Control and Prevention (CDC). Your environment includes where you live, what you eat, products you use, where you work, what you cook on, and even your home air and water quality. Knowing the PFAS levels in your blood can help you better understand how your environment has affected you. In a report from the National Academies of Science, Engineering, and Medicine, the committee recommends clinicians to offer PFAS blood testing to patients who are likely to have a history of elevated exposure, such as those with occupational exposures or those who live in areas known to be contaminated. If testing reveals PFAS levels associated with an increased risk of adverse effects, patients should receive regular screenings and monitoring for these and other health impacts. Because PFAS chemicals are an emerging concern, the development of toxicity levels is still in progress. There is currently no clinical diagnosis specific to elevated PFAS levels, but the National Academies has outlined proactive health measures and recommendations for reducing exposure to PFAS chemicals.

Biomonitoring for Exposure to PFAS

Biomonitoring for PFAS in humans has been conducted by the CDC on serum for many years and published in the National Health and Nutrition Examination Survey (NHANES). To date, testing for PFAS in blood has relied on serum as an estimation for whole blood and required a blood draw conducted by a healthcare practitioner. In a leap forward for PFAS identification through blood testing, Eurofins has developed a self-collected sampling kit, PFAS Exposure™. Our kit is the first of its kind and uses a simple finger prick. With serum equivalent conversions provided, our results can be directly compared to the national averages published by the CDC.



Ease of Use

The PFAS Exposure™ collection kits are an all-in-one solution that include the essentials for collection and transport, allowing participants to self-collect samples at home or work and submit them directly to the laboratory.

Expanding Our Knowledge

Expanding upon the CDC NHANES study where they reported 16 PFAS compounds in serum, Eurofins will provide data for more than 40 PFAS compounds in whole blood. As industries have transitioned away from using many of the legacy PFAS compounds in the CDC study and replaced them with next generation PFAS formulations, this expanded list may provide insights into newer sources of exposure.

Self-Collection Test Kit

Collection Kits are an all-in-one solution that includes all the essentials for collection, transport, and storage, allowing participants to self-collect samples at home or work, and submit directly to the laboratory. Samples are collected via a finger prick requiring minimal sample volumes. These kits include lancets and instructions for pediatric and adult use. This is not a medical device and is intended for biomonitoring and research purposes only.

Your Secure Results

- Available 15-20 business days after returning your sample to our environmental lab
- Test results identify the exact amount of over 40 PFAS compounds, such as PFOA, PFOS and GenX
- Your detailed Test Guide will help you understand your results so you can take action to improve your health.

Have questions about PFAS? Ask the Expert.

Request a quote
for PFAS Blood
Testing:



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