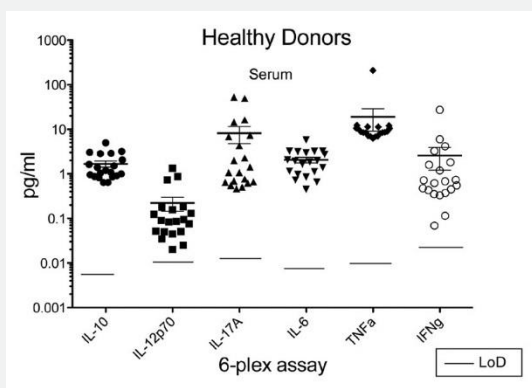


ULTRA-SENSITIVE MULTIPLEXED BIOMARKER DETECTION For the benchtop

The unrivaled power of Simoa® single molecule digital detection technology now available in a compact size with increased workflow flexibility



- Multiplexed detection without compromising sensitivity or specificity
- Simple 2-step or 3-step workflow with minimal user intervention
- Compact instrument with built-in touch-screen control and comprehensive data analysis tools
- No daily or monthly user maintenance
- Broad menu of commercially available kits
- Simple assay development for both circulating proteins and nucleic acids



Multiplex measurement of low abundance circulating proteins

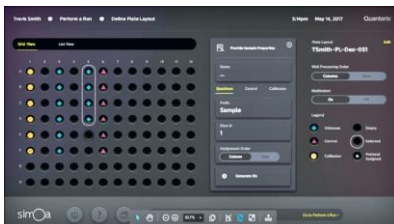
Quantitative detection of normal endogenous cytokine levels using the Simoa Human 6-plex Cytokine Panel 1 Assay. Results were obtained above the limit of detection for all samples tested (n = 20) with each of the 6 biomarkers in the multiplex assay.

Sample to answer for 96 tests in as little as 3 hours with minimal hands-on time!

Intuitive User-guided Run Setup and Integrated Data Analysis



Initiate
experiment
from home
screen



Define plate
layout



Analyze
results and
generate
report

Visit quanterix.com/SR-X
for more information

The SR-X Ultra-Sensitive Biomarker Detection System is the latest instrument from Quanterix powered by Simoa technology, offering researchers access to ultra-sensitive protein and nucleic acid detection capabilities in a compact and affordable system. The SR-X is designed to support multiplexed detection of up to six biomarkers per sample, with low volume requirements to increase throughput and productivity while conserving precious samples. A menu of over 80 Simoa assay kits are available to researchers to measure critical biomarkers with 1000X higher sensitivity than standard immunoassay methods, enabling detection of both normal and acute biomarker levels with high precision across a range of sample types.

The Quanterix SR-X also provides researchers with the additional flexibility to design assays to detect both protein and nucleic acid biomarkers direct from blood without the need for error-prone complex pre-analytical extraction and amplification steps.



Add reagents to assay plate



Simoa Microplate Shaker

Re-suspend Simoa magnetic beads
with automated shaking and incubation



Simoa Microplate Washer

Wash beads with automated
magnetic separation



Load assay plate onto SR-X for single
molecule detection on Simoa discs