



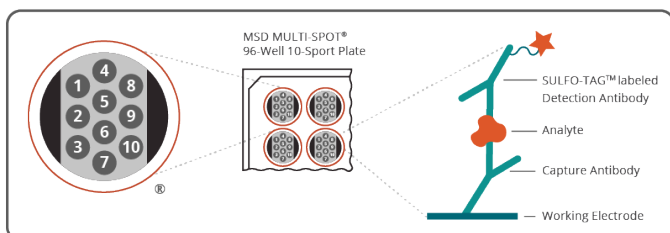
Validated Panels

Meso Scale Discovery® (MSD) V-PLEX Human Biomarker 40-Plex Kit



BioAgilytix applies our deep and unmatched experience validating MSD assay kits to help clients identify relevant biomarkers for their drug development programs. In fact, we have validated over 120 analytes across a range of disease states.

Today we offer five GCP/GCLP validated MSD V-PLEX multiplex panels with assays optimized for efficient biomarker screening and profiling: Proinflammatory Panel 1 (Human), Cytokine Panel 1 (Human), Chemokine Panel 1 (Human), Angiogenesis Panel 1 (Human), and Vascular Injury Panel 2 (Human). These panels are part of the MSD V-PLEX Human Biomarker 40-Plex Kit, and concentrations of all analytes can be measured using a total sample volume of 110 μ L.



***Note:** all panels are validated in serum and plasma.

Proinflammatory Panel 1 (Human)

- IFN- γ
- IL-1 β
- IL-2
- IL-4
- IL-12 p70
- IL-8
- IL-10
- IL-6
- IL-13
- TNF- α

Cytokine Panel 1 (Human)

- GM-CSF
- IL-1 α
- IL-5
- IL-7
- IL-12/23 p40
- IL-15
- IL-16
- IL-17A
- TNF- β
- VEGF-A

Chemokine Panel 1 (Human)

- Eotaxin
- MIP-1 β
- Eotaxin-3
- TARC
- IP-10
- MIP-1 α
- IL-8 (HA)
- MCP-1
- MDC
- MCP-4

Angiogenesis Panel 1 (Human)

- FGF (basic)
- PIGF
- Tie-2
- VEGF-A
- VEGF-C
- VEGF-D
- VEGFR-1/
Flt-1

Vascular Injury Panel 2 (Human)

- CRP
- ICAM-1
- SAA
- VCAM-1

Setting the Global Standard for **Scientific Excellence in Large Molecule Bioanalysis**

Quality science, quality data, and a quality partnership—it's how we ensure your large molecule bioanalytical needs are met with accuracy, high performance, and timely results.

Global Support for All Large Molecule Bioanalytical Needs

With advanced laboratory facilities in North Carolina and Boston, as well as in Hamburg, Germany, BioAgilytix is able to support all phases of large molecule global studies, from discovery through Phase IV trials and post-market surveillance.

A Global Leader in Large Molecule Drug Development

BioAgilytix is comprised of true experts in large molecule bioanalysis, with a veteran team averaging over 10 years of bench experience and comprised of over 50% Ph.D. and Masters-level scientists.

Globally Committed to On-Time Delivery of Quality Results

We deliver our bioanalytical services by pairing our unique scientific capabilities, extensive QA expertise, and collaborative project management processes to ensure reliable, timely, high-quality results.

Discuss Your Project with Our Scientists Today.

Let's talk scientist-to-scientist about the bioanalytical needs of your cell therapy program.



Services

- ✓ Pharmacokinetics (PK) / Pharmacodynamics (PD)
- ✓ Immunogenicity / Antidrug Antibodies (ADA) / Neutralizing Antibody Assays (NAb)
- ✓ Cytokines and Biomarkers
- ✓ Cell-Based Assays (CBA) / Potency Assays
- ✓ Flow Cytometry
- ✓ Polymerase Chain Reaction (PCR)



Platforms

- ✓ ELISA
- ✓ MSD-ECL
- ✓ qPCR
- ✓ ddPCR
- ✓ Gyrolab
- ✓ Luminex
- ✓ Biacore
- ✓ ImmunoCAP
- ✓ Western Blot (LI-COR)
- ✓ Flow Cytometry
- ✓ ELISPOT
- ✓ ProteinSimple Ella



Quality

- ✓ GLP
- ✓ GMP
- ✓ GCP
- ✓ CLIA
- ✓ CAP



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