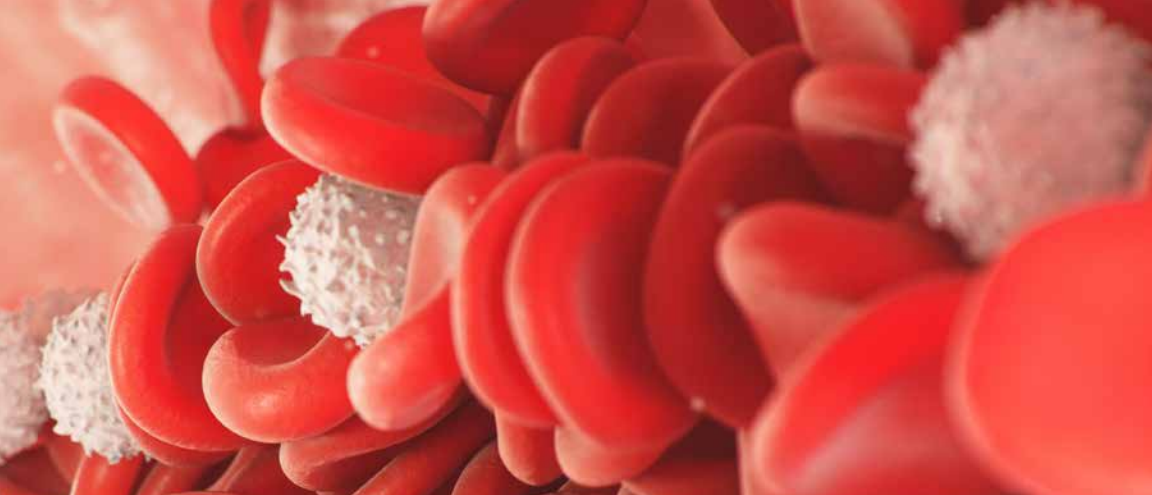




WORKFLOW SOLUTIONS ▶

Blood Fractionation & Analysis



Blood and blood-derived samples have played a critical role in the field of drug discovery and next generation treatments. The ability to isolate and analyze specific components of blood, such as DNA, proteins, red blood cells, and white blood cells, has become an essential aspect of pre-clinical and clinical studies. As a result, it is crucial to utilize high-quality tools and reagents to ensure proper separation of blood components and expansion of healthy primary cells during research.

MP Biomedicals offers a diverse range of premium products to support blood-derived research. Our ready-to-use LSM™ and M-PRM™ solutions enable proper gradient separation of plasma, red blood cells, and white blood cells for analysis of specific blood components. We also supply a comprehensive selection of media, supplements, reagents, and kits to support your downstream workflows, from cell maintenance in a serum or animal-free environment to cell-based assays and DNA, RNA, and protein analysis.

From Blood to Drug Discovery & Next Generation Treatments

01

ONE-STEP WHOLE BLOOD FRACTIONATION

- Lymphocyte Separation Media
- Leukocyte Separation Media
- Plasma Separation
- Ready-to-Use Separation Tubes



02

MAINTENANCE, EXPANSION & TREATMENT

- Attachment Factors
- Growth Factors
- FBS & Sera
- Amino Acids & Hormones
- Animal-free Supplements
- Xeno-free Supplements



03

CELL-BASED ASSAYS

- DNA Damage Detection
- Autophagy & Mitophagy Detection
- Cell Viability Kits & Reagents
- Live-Cell Imaging Reagents
- Apoptosis Detection
- Senescence Detection



04

DNA & RNA EXTRACTION & ANALYSIS

- DNA Blood/Cell/Tissue Kits
- RNA Cell & Tissue Kits
- Small RNA Extraction Kits



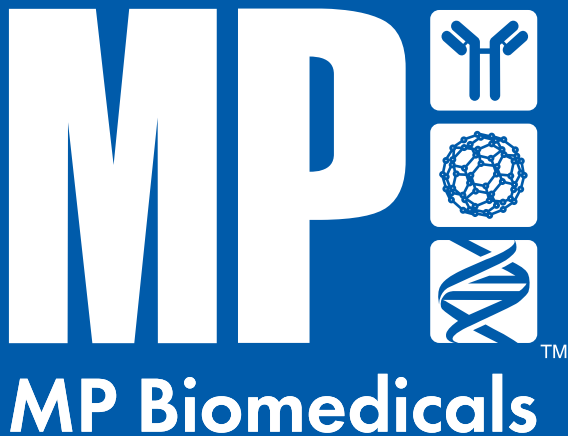
05

PROTEIN ANALYSIS

- Precast Gels & PAGE Analysis
- WB Specialty Reagents
- Antibodies for Metastasis
- Antibodies for Immune Response Markers



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