



BIOCLINICA[®]

MOLECULAR MARKER LABORATORY



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Validated Biomarker Assays for Clinical Trials



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MOLECULAR MARKER LABORATORY

is a **CAP-certified laboratory** specialized in

biochemical marker analysis to the pharmaceutical and biotech industries. Our extensive panel of biomarkers serve as surrogate endpoint in support of global, multi-site, clinical trials - from phase I to IV – across a wide range of therapeutic areas.

With **+20 years of experience**, and **+400 clinical trials** supported, we are committed to providing quality services for your clinical study.

Therapeutic areas:



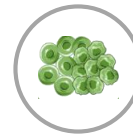
Musculoskeletal



Neurodegenerative
diseases



Inflammation



Oncology



Metabolism /
Cardiovascular /
Kidney diseases

Matrices of assay:



Serum



Plasma



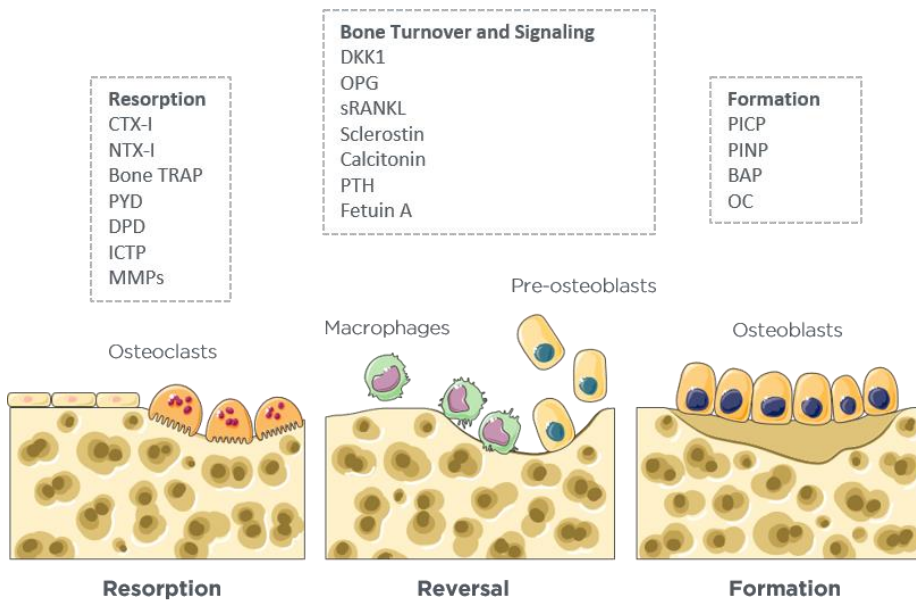
Urine



Synovial
fluid

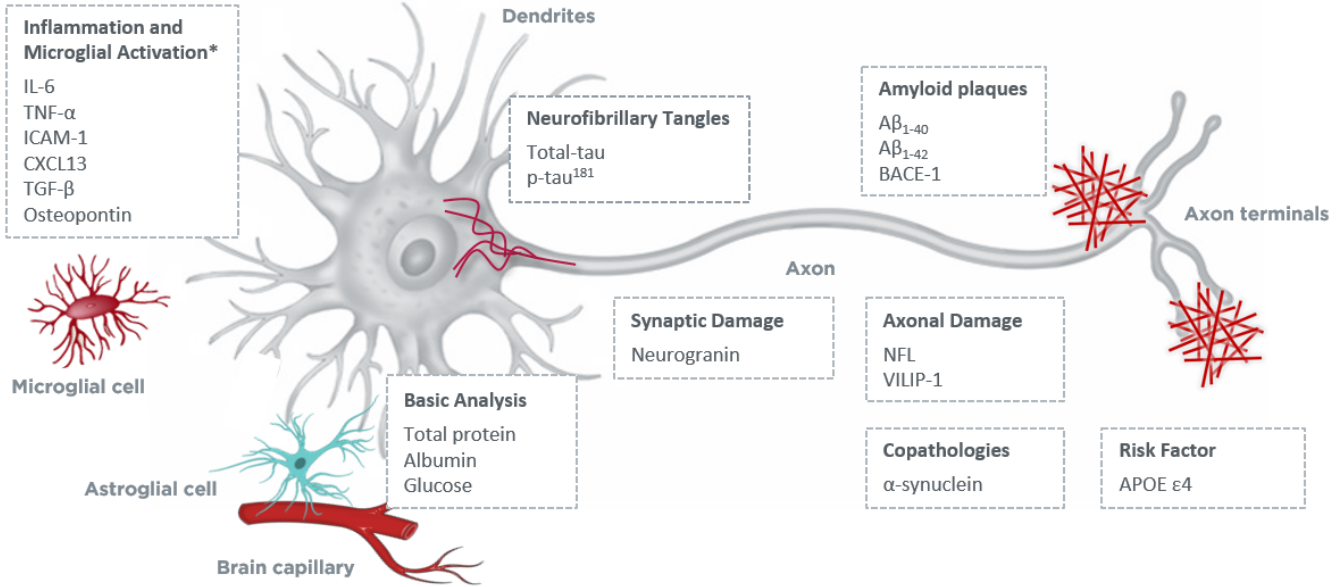


Cerebrospinal
fluid



- 1,25OH VitD // 1,25-Dihydroxyvitamin D
- 25OH VitD // 25-Hydroxyvitamin D
- BAP // Bone Alkaline Phosphatase
- Bone TRAP // Bone Tartrate Resistant Acid Phosphatase
- C1,2C // Type I and Type II Collagen 3/4C Short
- C2C // C-Terminal of the 3/4 Piece of Type II Collagen
- Calcitonin
- ● Calcium
- CICP (PICP) // Procollagen Type I C-Propeptide
- ● COMP // Cartilage Oligomeric Matrix Protein
- CPII (PIICP) // Procollagen Type II C-Propeptide
- ● CREAT // Creatinine
- ● CS846 // Chondroitin Sulfate 846 Epitope
- ● CTX-I // C-Terminal Crosslinked Teloepitope of Type I Collagen
- ● CTX-II // C-Terminal Teloepitope of Type II Collagen

- ● DKK-1 // Dickkopf Related Protein-1
- DPD (Free) // Free Deoxypyridinoline Crosslinks
- Fetuin-A
- HA // Hyaluronic Acid
- ICTP // C-Terminal Telopeptide of Type I Collagen
- Lp(a) // Lipoprotein A
- MMP-13 // Pro-Matrix Metalloproteinase 13
- ● MMP-8 // Total Matrix Metalloproteinase 8
- NTX-I // N-Terminal Crosslinked Telopeptide of Type I Collagen
- OC // Osteocalcin
- OPG // Osteoprotegerin
- OPN // Osteopontin
- ● Phosphorus
- PIIANP // Procollagen Type IIA N-Propeptide
- PIIINP // Intact N-Terminal Propeptide Of Type III Collagen
- PINP // Procollagen Type I N-Propeptide
- ● PTH, Intact // Intact Parathyroid Hormone
- PTH, Whole // Whole Parathyroid Hormone
- PYD // Pyridinium Crosslinks
- SAA // Serum Amyloid A
- SOST // Sclerostin
- sRANKL (Free) // Free Soluble Receptor Activator of Nuclear Factor Kappa B Ligand
- sRANKL (Total) // Total Soluble Receptor Activator of Nuclear Factor Kappa B Ligand
- UcOC // Undercarboxylated Osteocalcin
- α CTX-I // Alpha C-Terminal Crosslinked Telopeptide of Type I Collagen
- $\beta\beta$ -CTX-I // C-Terminal Crosslinked Telopeptide of Type I Collagen



- ● Aβ 1-40 // Beta Amyloid 1-40
- Aβ 1-42 // Beta Amyloid 1-42
- Albumin CSF Coming soon!
- α-synuclein
- BACE-1 // Beta-secretase-1
- NFL // Neurofilament Light chain
- ● NGRN // Neurogranin
- p-tau181
- T-tau // Total Tau
- Total protein CSF Coming soon!
- VILIP-1
- YKL-40 CSF Coming soon!



Inflammation



- Anti-CCP // Antibody to Cyclic Citrullinated Peptide
- BAFF // B Cell Activating Factor
- CRP (hs) // High Sensitivity C-Reactive Protein
- CXCL10 // C-X-C motif chemokine 10
- CXCL13 // C-X-C motif chemokine 13
- CXCL8/IL-8 // C-X-C motif chemokine 8 / Interleukin-8
- ICAM 1 // Intercellular Adhesion Molecule 1
- IL-18 // Interleukin-18
- ● IL-6 (hs) // High Sensitivity Interleukin-6
- Lp(a) // Lipoprotein A
- MMP-1 // Pro-Matrix Metalloproteinase-1
- ● MMP-3 // Active and Pro-Matrix Metalloproteinase-3
- ● MMP-9 // Active and Pro-Matrix Metalloproteinase-9
- ● MPO // Myeloperoxidase
- MRP 8/14 // S100A8/S100A9, Calprotectin
- ● OPN // Osteopontin
- ● PGE₂ // Prostaglandin E₂
- PIINP // Intact N-Terminal Propeptide Of Type III Collagen
- SAA // Serum Amyloid A
- sgp 130 // Soluble Glycoprotein 130
- TGF-β1 // Transforming Growth Factor-beta 1
- ● TIMP-1 // Tissue Inhibitor of Metalloproteinase-1
- ● TNF-α // Tumor Necrosis Factor-alpha
- VEGF // Vascular Endothelial Growth Factor



- CGA // Chromogranin A
- ● ● COL4 // Type IV Collagen
- ● CTX-I // C-Terminal Crosslinked Telopeptide of Type I Collagen
- ICTP // C-Terminal Telopeptide of Type I Collagen
- MMP-13 // Pro-Matrix Metalloproteinase 13
- MMP-8 // Total Matrix Metalloproteinase 8
- MMP-9 // Active and Pro-Matrix Metalloproteinase 9
- OPN // Osteopontin
- PIIINP // Intact N-Terminal Propeptide Of Type III Collagen
- PINP // Procollagen Type I N-Propeptide
- PSA // Prostate Specific Antigen
- sRANKL (Free) // Free Soluble Receptor Activator of NF KappaB Ligand
- sRANKL (Total) // Total Soluble Receptor Activator of NF KappaB Ligand
- Survivin
- ● TIMP-1 // Tissue Inhibitor of Metalloproteinase 1
- VEGF-A // Vascular Endothelial Growth Factor



Cardiovascular

- Adiponectin// Acrp30
- cAMP // Cyclic Adenosine Monophosphate
- CRP (hs) // High Sensitivity C-Reactive Protein
- Ferritin
- Hecpidin
- Iron
- Lp(a) // Lipoprotein A
- MMP-9 // Active and Pro-Matrix Metalloproteinase 9
- MPO // Myeloperoxidase
- SAA // Serum Amyloid A
- TIBC // Total Iron Binding Capacity
- VEGF-A // Vascular Endothelial Growth Factor



Metabolic disorders

- Adiponectin// Acrp30
- ● Calcium
- ● CREAT // Creatinine
- FSH // Follico-Stimulating Hormone
- Glucose
- IGF-1 // Insulin-Like Growth Factor I or Somatomedin C
- IGFBP-3 // Insulin-Like Growth Factor Binding Protein 3
- ● Phosphorus
- ● PTH, Intact // Intact Parathyroid Hormone
- PTH, Whole // Whole Parathyroid Hormone

Coming soon!