

BIOCLINICA
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MOLECULAR MARKER LABORATORY

Biochemical Marker Services Catalog
Validated biomarker assays for clinical trials



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Bioclinica Lab is a CAP-certified laboratory specialized in biochemical marker analysis to the pharmaceutical and biotech industries. Our extensive panel of validated biomarkers serve as surrogate endpoints in support of global, multi-site, clinical trials – from phase I to IV – across a wide range of therapeutic areas. With over 20 years of experience, and over 400 clinical trials supported, we are committed to providing quality services for your clinical study.

Our assays span six main therapeutic areas and are fully validated and qualified in-house, in different matrices.



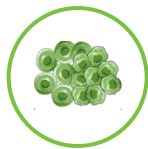
Musculoskeletal



Neurosciences



Inflammation



Oncology



Cardiovascular



Metabolic Disorders

1

Serum

2

Plasma

3

Urine

4

Synovial Fluid

5

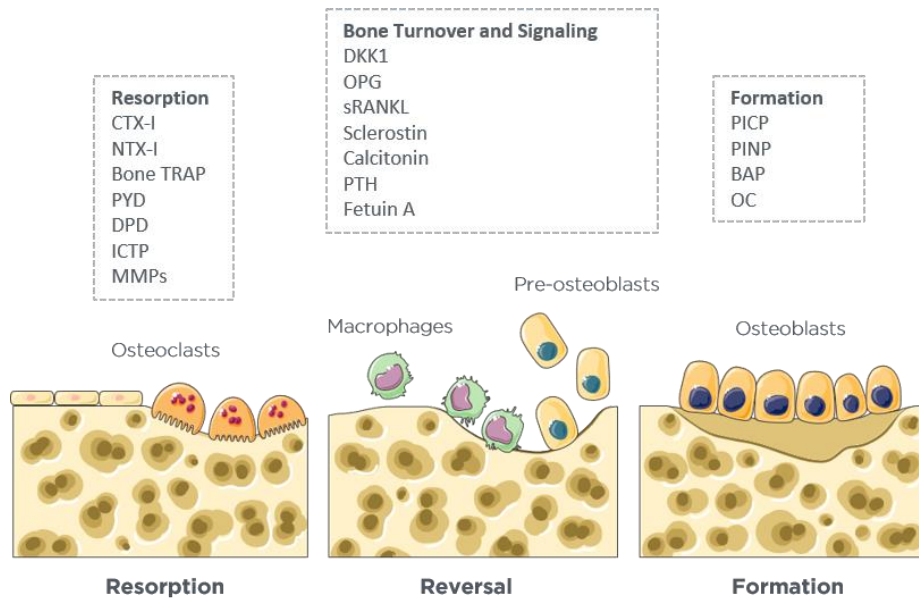
Cerebrospinal Fluid

Our Laboratory is constantly expanding our menu with new fully validated biomarkers.

Do not hesitate to visit our website www.bioclinica.com to consult the most up to date list of biomarkers.



Musculoskeletal

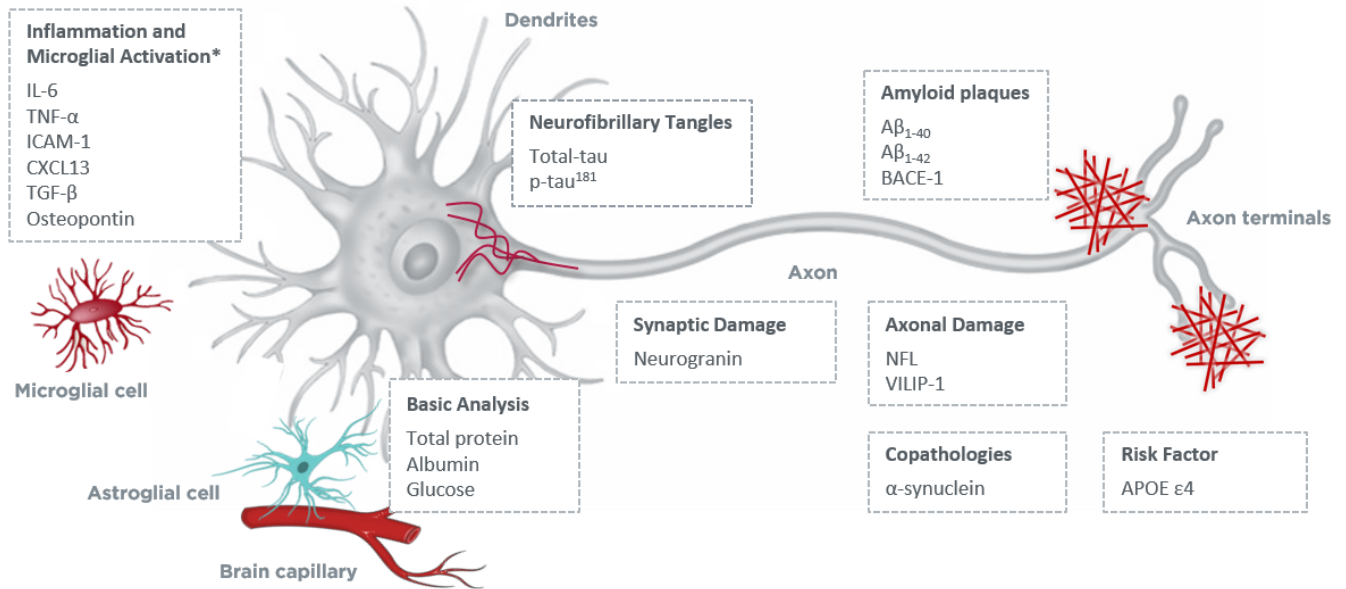


- 1 1,25OH VitD // 1,25-Dihydroxyvitamin D
- 1 25OH VitD // 25-Hydroxyvitamin D
- 1 BAP // Bone Alkaline Phosphatase
- 1 Bone TRAP // Bone Tartrate Resistant Acid Phosphatase
- 1 C1,2C // Type I and Type II Collagen 3/4C Short
- 1 C2C // C-Terminal of the 3/4 Piece of Type II Collagen
- 1 Calcitonin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

- 1 2 DKK-1 // Dickkopf Related Protein-1
- 3 DPD (Free) // Free Deoxypyridinoline Crosslinks
- 1 Fetuin-A
- 1 HA // Hyaluronic Acid
- 1 ICTP // C-Terminal Telopeptide of Type I Collagen
- 1 Lp(a) // Lipoprotein A
- 4 MMP-13 // Pro-Matrix Metalloproteinase 13
- 4 MMP-8 // Total Matrix Metalloproteinase 8
- 3 NTX-I // N-Terminal Crosslinked Telopeptide of Type I Collagen
- 1 OC // Osteocalcin
- 1 OPG // Osteoprotegerin
- 2 OPN // Osteopontin
- 1 3 Phosphorus
- 1 PIIANP // Procollagen Type IIA N-Propeptide
- 1 PIIINP // Intact N-Terminal Propeptide Of Type III Collagen
- 1 PINP // Procollagen Type I N-Propeptide
- 1 2 PTH, Intact // Intact Parathyroid Hormone
- 2 PTH, Whole // Whole Parathyroid Hormone
- 3 PYD // Pyridinium Crosslinks
- 1 SAA // Serum Amyloid A
- 1 SOST // Sclerostin
- 1 sRANKL (Free) // Free Soluble Receptor Activator of Nuclear Factor Kappa B Ligand
- 1 sRANKL (Total) // Total Soluble Receptor Activator of Nuclear Factor Kappa B Ligand
- 1 UcOC // Undercarboxylated Osteocalcin
- 3 α CTX-I // Alpha C-Terminal Crosslinked Telopeptide of Type I Collagen
- 3 $\beta\beta$ -CTX-I // C-Terminal Crosslinked Telopeptide of Type I Collagen

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 **Neurosciences**



- 2 5 Aβ 1-40 // Beta Amyloid 1-40
- 2 5 Aβ 1-42 // Beta Amyloid 1-42
- 2 5 Albumin Coming soon!
- 2 APOE ε4 Coming soon!
- 5 BACE-1 // Beta-secretase-1
- 2 5 Glucose Coming soon!
- 5 NFL // Neurofilament Light chain
- 2 5 NGRN // Neurogranin
- 5 p-tau181
- 5 T-tau // Total Tau
- 2 5 Total Protein Coming soon!
- 5 VILIP-1 Coming soon!

* Find the “Inflammation and Microglial Activation” markers in the Inflammation Chapter



Inflammation

- 1 Anti-CCP // Antibody to Cyclic Citrullinated Peptide
- 1 BAFF // B Cell Activating Factor
- 1 CRP (hs) // High Sensitivity C-Reactive Protein
- 1 CXCL10 // C-X-C motif chemokine 10
- 1 CXCL13 // C-X-C motif chemokine 13
- 1 CXCL8/IL-8 // C-X-C motif chemokine 8 / Interleukin-8
- 1 ICAM 1 // Intercellular Adhesion Molecule 1
- 1 IL-1 β // Interleukin-1 beta
- 1 IL-18 // Interleukin-18
- 1 4 IL-6 (hs) // High Sensitivity Interleukin-6
- 1 Lp(a) // Lipoprotein A
- 1 MMP-1 // Pro-Matrix Metalloproteinase-1
- 1 4 MMP-3 // Active and Pro-Matrix Metalloproteinase-3
- 1 MMP-9 // Active and Pro-Matrix Metalloproteinase-9
- 2 MPO // Myeloperoxidase
- 1 MRP 8/14 // Myeloid Related Protein 8 and Myeloid Related Protein 14 (S100A8/S100A9, Calprotectin)
- 2 OPN // Osteopontin
- 4 PGE₂ // Prostaglandin E₂
- 1 PIIINP // Intact N-Terminal Propeptide Of Type III Collagen
- 1 SAA // Serum Amyloid A
- 1 sgp 130 // Soluble Glycoprotein 130
- 1 TGF- β 1 // Transforming Growth Factor-beta 1
- 1 4 TIMP-1 // Tissue Inhibitor of Metalloproteinase-1
- 1 4 TNF- α // Tumor Necrosis Factor-alpha
- 2 VEGF // Vascular Endothelial Growth Factor

 **Oncology**

- 1 CGA // Chromogranin A
- 1 2 3 COL4 // Type IV Collagen
- 1 3 CTX-I // C-Terminal Crosslinked Telopeptide of Type I Collagen
- 1 ICTP // C-Terminal Telopeptide of Type I Collagen
- 4 MMP-13 // Pro-Matrix Metalloproteinase 13
- 4 MMP-8 // Total Matrix Metalloproteinase 8
- 1 MMP-9 // Active and Pro-Matrix Metalloproteinase 9
- 2 OPN // Osteopontin
- 1 PIIINP // Intact N-Terminal Propeptide Of Type III Collagen
- 1 PINP // Procollagen Type I N-Propeptide
- 1 PSA // Prostate Specific Antigen
- 1 sRANKL (Free) // Free Soluble Receptor Activator of Nuclear Factor Kappa B Ligand
- 1 sRANKL (Total) // Total Soluble Receptor Activator of Nuclear Factor Kappa B Ligand
- 1 Survivin
- 1 4 TIMP-1 // Tissue Inhibitor of Metalloproteinase 1
- 2 VEGF-A // Vascular Endothelial Growth Factor



Cardiovascular

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



Metabolic Disorders

- 1 Adiponectin// Acrp30
- 1 3 Calcium
- 1 3 CREAT // Creatinine
- 1 FSH // Follicle-Stimulating Hormone
- 2 Glucose
- 1 IGF-1 // Insulin-Like Growth Factor I or Somatomedin C
- 1 IGFBP-3 // Insulin-Like Growth Factor Binding Protein 3
- 1 3 Phosphorus
- 1 2 PTH, Intact // Intact Parathyroid Hormone
- 2 PTH, Whole // Whole Parathyroid Hormone

Coming soon !