



Anatomic Pathology

Molecular Pathology Laboratory Network, Inc. (MPLN) has a full complement of anatomic pathology services including surgical pathology, immunohistochemistry (IHC) and hematopathology testing with consistent quality and rapid turnaround time.

- Surgical pathology with expertise in breast, hematologic and gastrointestinal pathology
- Hematopathology with the full complement of diagnostic support testing
- Extensive IHC menu with both interpretation and technical only available
- CellSearch® circulating tumor cell analysis for metastatic breast, colon and prostate cancer

Comprehensive

Our pathologists and laboratory directors consult with one another and the ordering physician, when indicated, at every step of the testing process to proactively solve cases.

We also provide:

- Full hematopathology work-up
- Local bone marrow collection assistance and sample preparation
- Breast tumor diagnosis with prognostic testing for treatment decisions
- Tumor board participation with cases presented for discussion
- Consultative services for both hematopathology and surgical pathology

Synoptic Report

MPLN's synoptic report follows the completion of all testing on bone marrow samples.

- A single-page summary of all findings provided to the ordering clinician in an easy-to-read format
- Correlation of multidisciplinary testing and previous testing are included, following a patient over time
- Cases reviewed post analytically for concordance



Strategic Laboratory Testing

MPLN offers StrataFLEX™, an innovative health management strategy that streamlines patient-specific reflex testing to save time and money.

Our in-house multidisciplinary approach utilizes evidence based medicine to maximize diagnostic information and provide a complete diagnostic picture without performing unnecessary tests.

One Source

Coordinating laboratory tests and results within one facility, MPLN provides a single source for anatomic pathology, genetics, flow cytometry, cytogenetics, molecular testing and clinical laboratory services.

Using one source for your laboratory testing provides simpler logistics for sample collection, ordering, reporting, billing and patient management over time.

Contact Us

For more information about how our anatomic pathology services can benefit your practice, contact a technical service specialist at **800.932.2943**.



Anatomic Pathology Testing

Test Name	Test Code	Specimen Requirements	Storage & Stability	TAT
Surgical Pathology Professional Microscopic evaluation; additional stains or studies as required (special stains, immunohistochemistry, gene rearrangement, etc.)	SPP	Surgical samples received in 10% neutral buffered formalin Previously prepared pathology materials (H&E slides, formalin fixed paraffin embedded blocks or smears) Reports, history and differential diagnosis required	Prepared pathology materials, stable indefinitely at 18-25°C	2-4 days
Pathology Consultation	Surgical Pathology Consultation (SPC) or Bone Marrow Pathology Consultation (BMP P)	Previously prepared pathology materials (H&E slides, formalin fixed paraffin embedded blocks or smears) Reports, history and differential diagnosis require	Prepared pathology materials, stable indefinitely at 18-25°C	2-4 days
Bone Marrow Pathology Evaluation	BMPE	1.0 cm bone marrow core biopsy in formalin or B Plus fixative Aspirate (clot) in formalin or B Plus fixative Aspirate in sodium heparin for flow cytometry and cytogenetics; Aspirate in EDTA for molecular studies 4-6 air-dried marrow aspirate slides containing spicules 1 peripheral blood smear with CBC report	Bone marrow core biopsy, aspirate clot, marrow or blood smears, stable indefinitely at 18-25°C Marrow aspirate and EDTA samples, 48 hours at 18-25°C	2-4 days
Immunohistochemistry Antibodies (see markers below chart)	Various – refer to catalogue	Bone Marrow (see Bone Marrow Evaluation) Surgical samples received in 10% neutral buffered formalin Formalin fixed paraffin embedded tissue Previously prepared pathology materials (blocks, slides, smears or other samples) Reports, history and differential diagnosis required	Prepared pathology materials, stable indefinitely at 18-25°C	Less than 2 days
In situ Hybridization Probes	Kappa (I KAP ISH), Lambda (I LAM ISH), Epstein Barr Virus (I EBER ISH)	Bone Marrow (see Bone Marrow Evaluation) Surgical samples received in 10% neutral buffered formalin Formalin fixed paraffin embedded tissue Previously prepared pathology materials (blocks, slides, smears or other samples) Reports, history and differential diagnosis required	Prepared pathology materials, stable indefinitely at 18-25°C	Less than 2 days

Immunohistochemistry Antibodies, Markers for:

- Breast & Prognostic Panel
- Carcinoma/Mesothelioma
- CNS
- Cervical/Gynecological
- Hematopoietic
- Infectious Disease
- KerratIn/Epithelial
- Melanocytic
- Myoepithelial/ Basal/ Basement Membrane
- Neuroendocrine
- Prognostic
- Proliferation
- Prostate
- Sarcoma
- Vascular
- Neural
- Fibrohistiocytic, Muscle, GIST Stromal
- Tumor Markers