

Workflow



Connecting the Pieces For Total Patient Care

Biocare provides a full line of IHC and molecular pathology products for cancer and infectious disease diagnosis. From a full range of equipment: including tissue processors, microtomes, H&E stainers; full, semi and manual IHC and ISH automated instrumentation to an innovative imaging system. Biocare offers a comprehensive workflow of reagents and instrumentation addressing total patient care.

... For Total Patient Care



Biocare is passionate about helping pathologists, researchers, IHC and ISH laboratories reach a whole new level of productivity, consistency and profitability. We provide a full line of IHC and molecular pathology products for cancer and infectious disease diagnosis. With the recent addition of histology instrumentation and equipment and an innovative imaging system we now offer a comprehensive total patient care solution.

- ▶ From tissue processing to H&E staining
- ▶ IHC & ISH - simple solutions to complex clinical problems
- ▶ Fully open automated IHC instrumentation
- ▶ Sensitive detection systems, vivid chromogens & imaging

Connecting the Pieces . . .

01 Histology

How samples are treated before IHC is as important as the IHC protocol itself. From tissue processing, tissue embedding and microtomy to H&E stains, Biocare is the one-stop shop for all histology items.



02 Retrieval

Biocare Medical was the first to introduce a patented antigen retrieval device for Heat Induced Epitope Retrieval (HIER). The Decloaking Chamber NxGen is designed to optimize and standardize antibody staining procedures, providing temperature, pressure and time-controlled protocols that pass strict lab safety and QC requirements. Used with Biocare's HIER buffers, which feature Assure™ color-changing technology, your IHC protocols will have optimal antigen retrieval with consistently superior results.

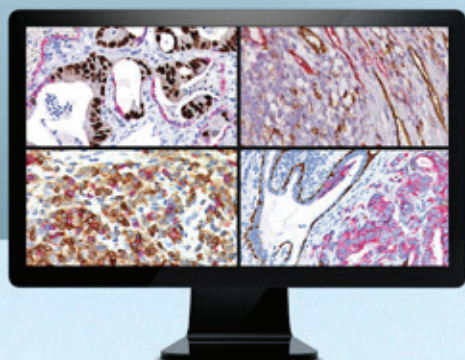


03 Antibodies & Molecular

Biocare offers the most sensitive and highly specific antibodies, Multiplex IHC™ and *in situ* hybridization probes suitable for the anatomical pathology laboratory. The expansive antibody library and growing ISH probe menu offers critical tools to aid in pathologist interpretation and decision making. Antibodies are optimized for IHC procedures for use on FFPE tissues to provide low background. Stable RNA and DNA probes used in simple, straightforward protocols allow for incorporation of ISH technology into any laboratory.

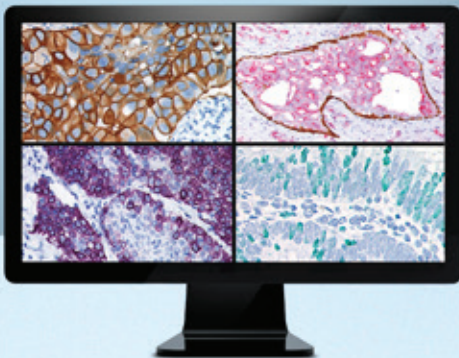
04 Instrumentation

Biocare Medical offers the most advanced instrumentation to support your anatomical pathology, IHC, ISH and research needs. We provide instruments that fit any workflow and simplify your laboratory procedures. Ranging from automated to manual our instrument offering includes: the ONCORE Automated Slide Staining System with a full range of IHC and ISH reagents from Biocare while the fully-open intelliPATH Staining Instrument allows the use of IHC reagents from any provider.



05 Detection

Biocare has the optimal detection system tailored to suit your needs: no matter what tissue you are working with, from human, mouse, rat, cat, dog to 'Farma' or Veterinary species - we have it covered. We have a full menu of HRP & AP chromogens available to provide your choice in color. Our fluorescent detection is applicable for IF (immunofluorescence) or FISH and our customized detection for RISH™ allows the chromogenic detection of probe hybridization.



06 Imaging

GenASIS™ Pathology Suite consists of the GenASIS HiPath for quantitative IHC & CISH and the GenASIS FISH for fluorescent *in situ* hybridization. This complete digital pathology platform is used for imaging, scoring and reporting of quantitative samples. Pathologists can capture images and receive immediate statistical analysis and scoring.



Product Range

Histology

Microtome, Tissue Processors & Embedding Station

Fixatives & Special Stains

Cassette & Slide Labeling Systems

Flotation Work Stations

H&E Slide Stainer

Glass Coverslipper

Retrieval

Decloaking Chamber

HIER Buffers

Antibodies

IVD, ASR & RUO Antibodies

Mouse & Rabbit Monoclonals

Rabbit Polyclonals

Exclusive Antibodies

Complete Antibody Panels

IHC Instrumentation

intelliPATH™

intelliPATH Research Software

ONCORE™

Desert Chamber Pro™

IQ Kinetic Slide Stainer™

Molecular

AP Detections

HRP Detections

Dual Detections

Retrieval Solution

CMV, EBER, Kappa and Lambda Probes

Negative & Positive Controls

Detection & Chromogens

AP & HRP Detection

Universal HRP or AP Detection (MACH 4™)

Species Specific Two-Step Detection (MACH 3™)

Universal or Species Specific One-Step Detection (MACH 2™)

Detection for Automated IHC Instrumentation

One-step Double Stain Detection for Multiplex Visualization

Two-step Streptavidin Biotin Detection (4plus™)

One- and Two-step detection Animal Tissues (PromARK™)

Fluorescent Detection

Array of Chromogen Colors

Automated Imaging for IHC, FISH & CISH

Pathology Imaging Solution

Scan, Capture & Automated Analysis