

Histobiolab Provides Over 150 Fish Probes to Satisfy Precise Biological Research Needs

New York City, New York Oct 10, 2022 ([Issuewire.com](https://www.issuewire.com)) - Histobiolab, the division of Creative Bioarray, is a full-service provider for histology and histopathology needs. Creative Bioarray is capable to provide a wide range of high-quality normal human and animal cells, cell culture medium and reagents, FISH probes, tissue arrays, microorganisms, and equipment. In addition, Creative Bioarray also offers a series of related services including cell services, biosample services, and histology services for the researcher to make their project better and faster. Recently, Creative Bioarray announced the release of its comprehensive [fish probes](#) to satisfy precise biological research needs.

Creative Bioarray is a one-stop source of biological samples for precision research needs, with an extensive and growing network that includes millions of biological samples from research participants with a variety of medical conditions, including oncology, neurology, Endocrinology, Dermatology, Cardiovascular, Gastrointestinal and Infectious Diseases, and normal adjacent tissues.

Creative Bioarray specializes in the custom development of FISH probes based on customer requirements, and custom FISH solutions go beyond single-gene, single-region analysis. Creative Bioarray's FISH Probe Plates use multiple probes, each labeled with a unique fluorophore. This allows several possible anomalies to be identified simultaneously in a single sample. Working with customers, Creative Bioarray can provide probes that meet specific requirements, from simple modifications to existing catalog products, to completely new innovative projects.

Creative Bioarray has a range of FISH probes for the detection of gene amplification, gene loss, gene fragmentation, gene fusions, and chromosomal abnormalities. Each FISH probe product features single, paired, or multiple site-specific fluorescent labels derived from bacterial artificial chromosome (BAC) libraries:

Chromosome-specific FISH probes can be used to identify specific target chromosomes. Each chromosome FISH probe is available in 5 different fluorescent color labels, including FITC, Texas Red, Cy5, DEAC, and R6G.

Subtelomeric FISH probes can detect such subtle gene rearrangements. Each subtelomeric FISH probe is available in 5 different fluorescent color labels, including FITC, Texas Red, Cy5, DEAC, and R6G. Each of the dual-color FISH probes has a pair of site-specific fluorescently labeled probes in different colors. Such products can be used to detect gene amplification, gene deletion, gene fragmentation, and gene translocation.

Multicolor FISH probes consist of different combinations of specific fluorescently labeled probes designed for chromosomes 13, 18, 21, X, and/or Y.

"Our team has developed standard operating procedures to reduce variability in biological sample collection and storage," said Hannah Cole, the marketing director of Creative Bioarray, she also added, "Our specialized platforms and teams provide a broad range of tissue processing, immunohistochemistry (IHC) and in situ hybridization services, molecular and digital pathology to deliver consistent, high-quality, and reproducible results."

About Creative Bioarray

Creative Bioarray is dedicated to offering customers innovative biotechnology products and services for research use to greatly enhance and drive innovation and standards in science. As a well-recognized

industry leader with more than 10 years of experience and in-house expert support, Creative Bioarray has already countenanced research all around the world.

Media Contact

Hannah Cole

contact@creative-bioarray.com

1 631 386 8241

Shirley, NY 11967, USA

Source : Creative Bioarray

[See on IssueWire](#)