

# B | BDot Probe Line

Designed Exclusively for the BioDot CellWriter™ S

Enhance Your FISH Testing with Precision Liquid Handling for Cytogenetics



## Engineered for Cytogenetic Precision

The BioDot CellWriter™ S is an advanced liquid dispensing platform tailored for high-throughput FISH, karyotyping, and FFPE slide preparation. Designed to meet the most demanding lab needs, the CellWriter S ensures ultra-low volume dispensing with unmatched accuracy and reproducibility—maximizing slide quality and minimizing variability.

## Ready-to-Use Precision for High-Throughput FISH

### Precision Dispensing

BioDot CellWriter™ S uses nanoliter technology.

### Exclusive Probes

44 prediluted probes covering a wide range of hematologic markers.

### Streamlined Workflow

Pre-configured probes eliminate the need for manual preparation.

### Clear Signals

BDot Probes deliver strong, reliable signals for hematology FISH.

### High-Throughput

Seamless Integration with CellWriter™ S for efficient workflows.

### Reduced Reagent Consumption

Miniaturized assay formats lead to significant probe cost savings.



EMPIRE  
GENOMICS

# BDot Probe Menu Exclusively Designed for the BioDot CellWriter™ S

## Disease Coverage

Empire Genomics' BDot Line Probes are developed for genetic aberrations associated with hematologic conditions. These probes support a wide range of investigative applications in blood cancer and genetic research.

Acute Lymphocytic Leukemia - Adult

Acute Lymphocytic Leukemia - Pediatric

Acute Lymphocytic Leukemia - Ph-Like

Acute Myeloid Leukemia

Chronic Lymphocytic Leukemia

Chronic Myeloid Leukemia

Eosinophilia

Multiple Myeloma

Multiple Myeloma IGH Reflex

Myelodysplastic Syndromes

Non-Hodgkin Lymphoma

Prenatal

## Probe Menu

Each probe in the BDot line is prediluted, ready-to-use, and formatted in PIMS tubes for seamless use with the BioDot CellWriter™ S. Designed for high-throughput research workflows, the menu enables efficient and reproducible hybridization performance. Custom probe options are also available to accommodate additional gene targets not included in the standard menu.

### Probe Name

BDot 1p1q FISH Probe

BDot 5p5q FISH Probe

BDot 6q21/MYB FISH Probe

BDot ALK Break Apart FISH Probe

BDot ATM/TP53 Extended FISH Probe

BDot BCL6 Break Apart FISH Probe

BDot BCR/ABL1 FISH Probe

BDot BCR/ABL1/ASS1 FISH Probe

BDot CBFB Break Apart FISH Probe

BDot CCND1/IGH Split FISH Probe

BDot CCND1/IGH Split Extended FISH Probe

BDot CON8 FISH Probe

BDot CON13/21 vB FISH Probe

BDot CON18 FISH Probe

BDot CON7/7q31 FISH Probe

### Probe Name

BDot Control 4/10/17 FISH Probe

BDot CONXY FISH Probe

BDot CRLF2 Break Apart FISH Probe

BDot D13S319/LAMP1/CON12 FISH Probe

BDot DEL20q20p FISH Probe

BDot delCHIC2 FISH Probe

BDot EPOR Break Apart FISH Probe

BDot ETV6/RUNX1 FISH Probe

BDot FGFR1 Break Apart FISH Probe

BDot FGFR3/IGH Split FISH Probe

BDot FLT3 Break Apart FISH Probe

BDot IGH Break Apart vC FISH Probe

BDot IGH/BCL2 Split FISH Probe

BDot IGH/MAF Split FISH Probe

BDot IGH/MAFB Split Extended FISH Probe

### Probe Name

BDot JAK2 Break Apart FISH Probe

BDot MALT1 Break Apart FISH Probe

BDot MECOM Break Apart FISH Probe

BDot MLL Break Apart Extended FISH Probe

BDot MYC Break Apart vB FISH Probe

BDot MYH11/CBFB Extended FISH Probe

BDot P16 FISH Probe

BDot PBX1/TCF3 FISH Probe

BDot PDGFRB Break Apart FISH Probe

BDot PML/RARA Extended FISH Probe

BDot RB1/LAMP1 Extended FISH Probe

BDot RUNX1T1/RUNX1 Extended FISH Probe

BDot SMAD6/NR4A3/5P15 FISH Probe

BDot TP53/CON17 FISH Probe

For In Vitro Use Only | For Research Use Only | Not For Diagnostic Use



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