

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

PrecisionThe 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	Chronic Lymphocytic Leukemia	Multiple Myeloma IGH Reflex
Acute Lymphocytic Leukemia - Pediatric	Chronic Myeloid Leukemia	Myelodysplastic Syndromes
Acute Lymphocytic Leukemia - Ph-Like	Eosinophilia	Non-Hodgkin Lymphoma
Acute Myeloid Leukemia	Multiple Myeloma	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	Probe Name	Probe Name
BDot 1p1q FISH Probe	BDot Control 4/10/17 FISH Probe	BDot JAK2 Break Apart FISH Probe
BDot 5p5q FISH Probe	BDot CONXY FISH Probe	BDot MALT1 Break Apart FISH Probe
BDot 6q21/MYB FISH Probe	BDot CRLF2 Break Apart FISH Probe	BDot MECOM Break Apart FISH Probe
BDot ALK Break Apart FISH Probe	BDot D13S319/LAMP1/CON12 FISH Probe	BDot MLL Break Apart Extended FISH Probe
BDot ATM/TP53 Extended FISH Probe	BDot DEL20q20p FISH Probe	BDot MYC Break Apart vB FISH Probe
BDot BCL6 Break Apart FISH Probe	BDot delCHIC2 FISH Probe	BDot MYH11/CBFB Extended FISH Probe
BDot BCR/ABL1 FISH Probe	BDot EPOR Break Apart FISH Probe	BDot P16 FISH Probe
BDot BCR/ABL1/ASS1 FISH Probe	BDot ETV6/RUNX1 FISH Probe	BDot PBX1/TCF3 FISH Probe
BDot CBFB Break Apart FISH Probe	BDot FGFR1 Break Apart FISH Probe	BDot PDGFRB Break Apart FISH Probe
BDot CCND1/IGH Split FISH Probe	BDot FGFR3/IGH Split FISH Probe	BDot PML/RARA Extended FISH Probe
BDot CCND1/IGH Split Extended FISH Probe	BDot FLT3 Break Apart FISH Probe	BDot RB1/LAMP1 Extended FISH Probe
BDot CON8 FISH Probe	BDot IGH Break Apart vC FISH Probe	BDot RUNX1T1/RUNX1 Extended FISH Probe
BDot CON13/21 vB FISH Probe	BDot IGH/BCL2 Split FISH Probe	BDot SMAD6/NR4A3/5P15 FISH Probe
BDot CON18 FISH Probe	BDot IGH/MAF Split FISH Probe	BDot TP53/CON17 FISH Probe
BDot CON7/7q31 FISH Probe	BDot IGH/MAFB Split Extended FISH Probe	

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



EMPIRE
GENOMICS

800.715.5880
3370 Walden Avenue Suite 114
Depew, NY 14043



BDOT100
052225