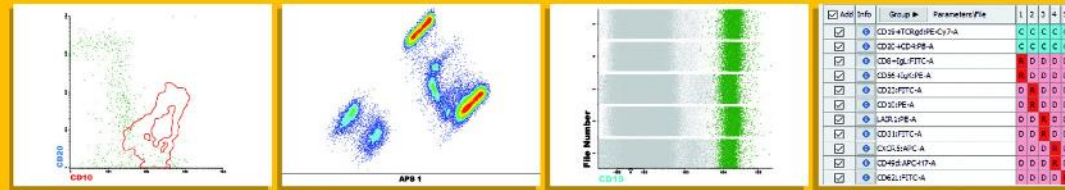


INFINICYT™ CUTTING EDGE ANALYSIS TOOLS

The most powerful software in flow cytometry data analysis

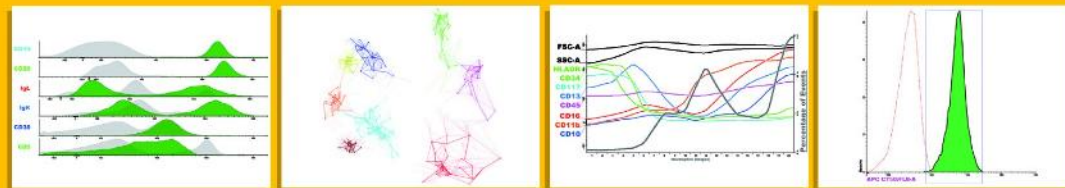


Reference Image

APS

File Merge

Calculate Data



Diagrams

Clustering

Maturation

Offline Compensation



INTEGRATE



ANALYZE



INTERPRET



REPORT

www.infinicyt.com

MINIMUM RECOMMENDED REQUIREMENTS

Infinicyt™

HARD DRIVE
4 GB
RAM
8 GB
CPU
64-bit - Intel®, AMD
or equivalent

DISPLAY
1280 x 1024
GRAPHICS CARD
compatible with either
OpenGL® 1.3 or later,
or DirectX® 9.0 or later

Infinicyt™ + EuroFlow™ Database Connector

HARD DRIVE
20 GB
RAM
16 GB
CPU
64-bit – multicore with 8
or more logical cores

ORDERING INFORMATION

DESCRIPTION	REFERENCE	DESCRIPTION	REFERENCE
Infinicyt™ Basic	CYT-INFINICYT-BASIC	Infinicyt™ Upgrade	CYT-INFINICYT-UPGRADE
Infinicyt™ Advanced	CYT-INFINICYT-ADVANCED	Euroflow™ Database Accesses	CYT-INFINICYT-EFDB

Infinicyt™ 2.0

EMBRACE NEXT GENERATION FLOW



High sensitivity multi-dimensional flow cytometry

Follow EuroFlow™ Standard Operating Procedures

The broad applicable EuroFlow™ SOPs were developed to obtain reproducible inter-laboratory results

SOPs available for sample preparation, antibody panels, instrument set-up and compensation



Access to EuroFlow™ Databases

Databases created with cases from different centers based on the knowledge and experience of EuroFlow™ Consortium

Available for different antibody panels



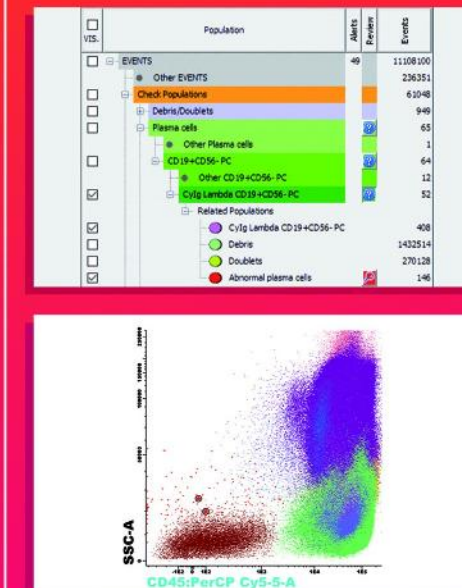
Automated Gating and Identification

Permits the identification of all cell populations

Databases created with normal reference samples

Automated clustering of events

Complete immune profile of samples

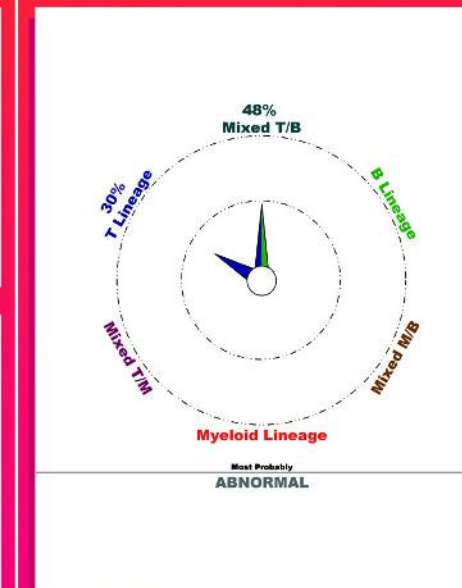


Compass Classification

New algorithm to more accurately assess complex cases

Databases created with abnormal samples of different disease categories

Helping to make more objective and reliable analysis decisions



Automatic Report

Comments and conclusions based on predefined alerts

Cell populations with alerts based on reference values

Abnormal immunophenotype provided

Limit of Detection (LOD) and Lower Limit of Quantitation (LLOQ)

Evaluation of sample quality

CELLULARITY (Data referred to 100% of the viable cells)	
Population	Frequency Reference
Plasma cells	0.033 (0.048 - 0.077)
B cells	3.2 (1 - 5.2)
T and NK and basophils	22.8 (8.8 - 17.4)
Neutrophils	50 (50.1 - 78.4)
Monocytes	12.2 (5.4 - 8.1)
Myeloid precursors	0.85 (0.92 - 3.4)
Mast cells*	0.00092 (0.0048 - 0.024)
Nucleated red cells	2.3 (2.2 - 15.8)
Abnormal plasma cells	1.3 -

Limit of detection (LOD) 0.00021 Lower Limit of quantitation (LLOQ) 0.00052

ABNORMAL PLASMA CELLS IMMUNOPHENOTYPE	
SSC ^{normal} CD27 ⁺ CD138 ⁺⁺ CD81 ⁺	
FSC ⁺ CD38 ⁺ CD54 ⁺ CD45 ⁺ CD19 ⁻ CD117 ⁺	
Cy5Lambd+*	

COMMENT
Plasma cells are present at 1.3 % of total nucleated cells; 97.5 % of them express an aberrant phenotype (FSC⁺CD38⁺CD54⁺CD45⁺CD19⁻CD117⁺). Sample probably hemodiluted (there is a decreased number of mast cells).

CONCLUSION
BM compatible with POSITIVE HRD. Note: A hemodiluted sample will underestimate or even miss the percentage of BM infiltration.



Front-line technical support for successful implementation of Next Generation Flow on every step



Download a free 30-days trial version of Infinicyt™ and join one of our free webinars