

1

NATIVE CELLS MEASUREMENT FOR TRUE 5-DIFF SEPARATION

Blue-LED low wavelength light source technology enhances scattering efficiency to reveal the finer cellular structure for best differentiation without damaging the cell.

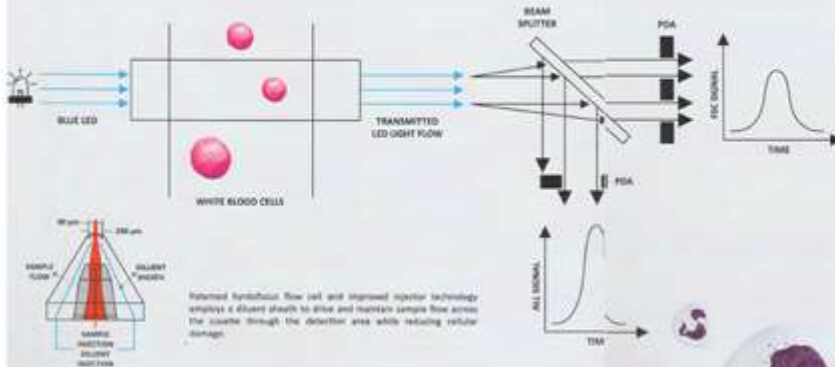


Patented OnlyOne lyse reagent destroys RBC and their stromas, composes the oxyhemoglobin chromogen and preserves WBC membrane to ensure measurement is performed on intact, native cells.

2

LED-BASED FLOW CYTOMETRY SINGLE CELL TRUE 5-DIFF TECHNOLOGY

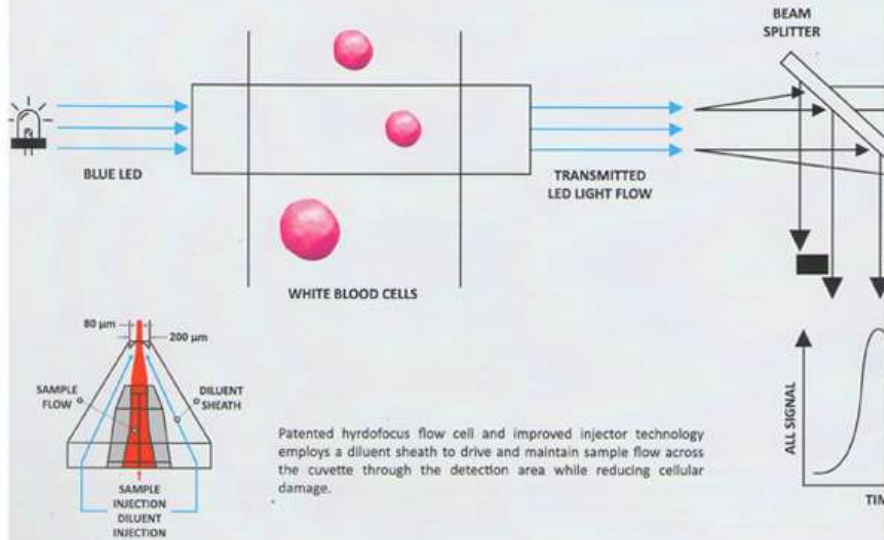
Simultaneous measurements of light scattered in the Forward direction and Light Loss Axiality of each cell crossing the interrogation zone generates the high definition matrix that enables high accuracy, direct measurement of each of the five WBC populations.



2

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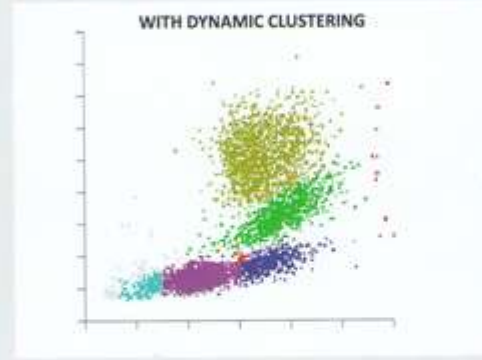
3

DYNAMIC CLUSTERING

Mythic's proprietary Dynamic Clustering Algorithm provides precise cellular classification specific to every patient's unique blood cells formation for accurate diagnosis. Dynamic clustering compensates for differences in WBC populations caused by variations in blood composition from patient to patient.



Incorrect thresholds lead to EOS incorrectly characterized as NEU resulting in a false "healthy" diagnosis.



Dynamic Clustering automatically identifies the correct thresholds for each patient and helps avoid incorrect diagnosis. Dynamic Clustering recognizes pathology samples that otherwise could be falsely flagged as a "healthy".

LYM	30%	30%
MON	5%	5%
NEU	59%	52%
EOS	5%	12%
BASO	1%	1%