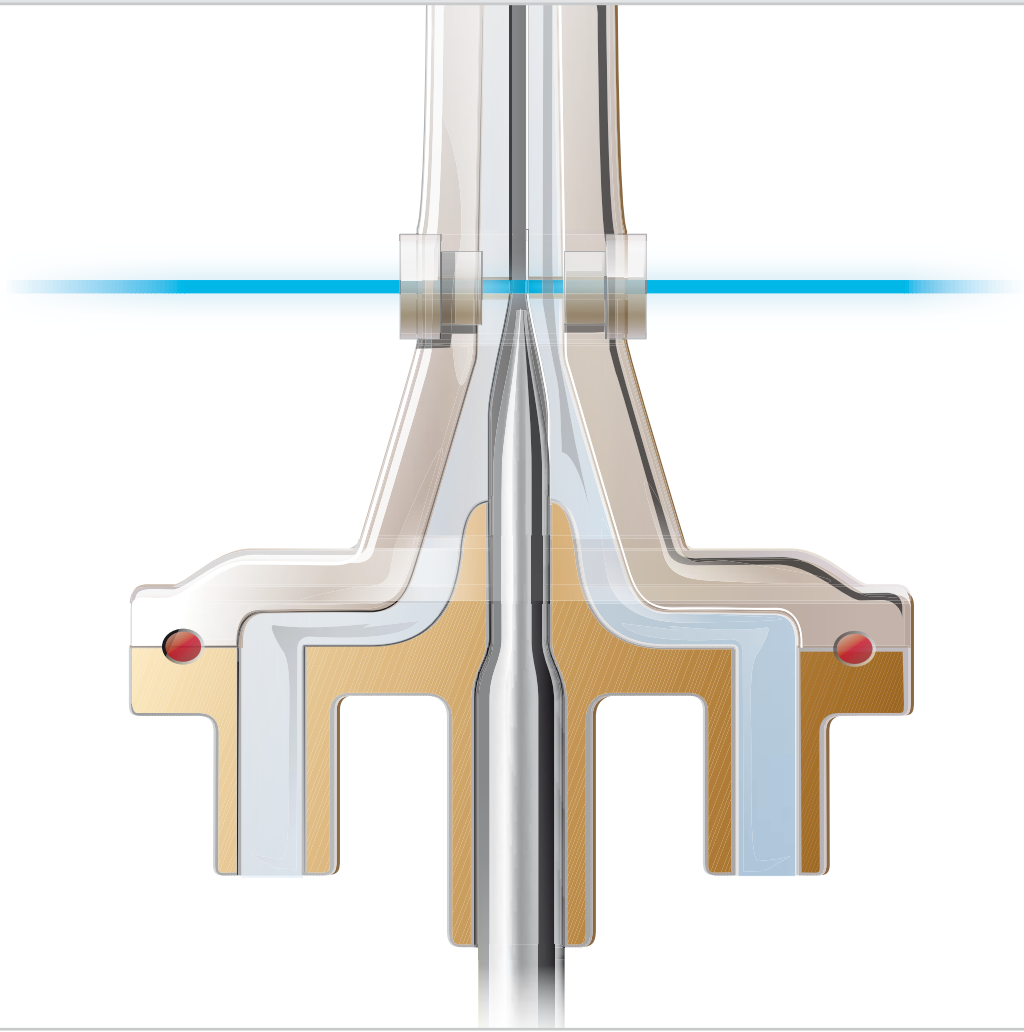
CELL-DYN EMERALD 22*

So small ... so great optical

UNI-Flow technology with patented CELL-DYN Emerald 22* lyse to provide a true optical 5-part WBC differential



CELL-DYN Emerald 22*

* in development

Put science on your side.

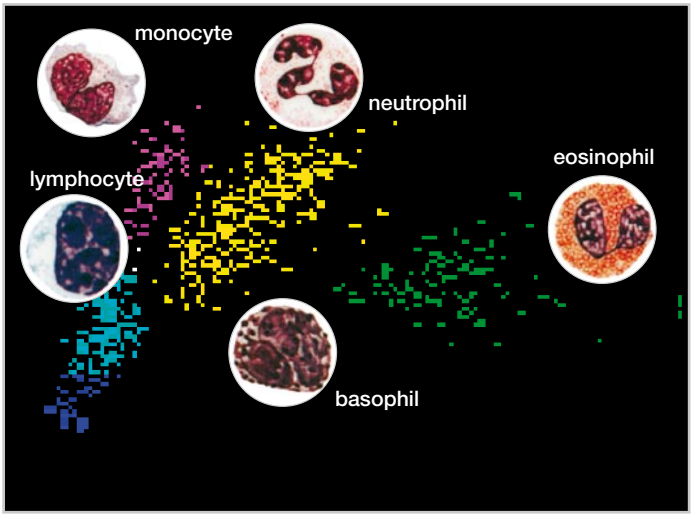
Abbott
A Promise for Life

A true optical 5 part WBC differential based on UNI-Flow technology

CELL-DYN Emerald 22* uses UNI-Flow technology, which includes a patented cyanide-free lyse reagent and optical bench with flow-cell and blue LED at 455 nm. The unique flow cell design utilizes a passive sheath and a sample stream under pressure, which allows a more diluted sample to be used for analysis.

The CELL-DYN Emerald 22* lyse stabilizes the WBC populations, is used to count the white blood cells (WBC) and measure hemoglobin (Hb) in the same counting chamber at a single dilution.

CELL-DYN Emerald 22* Lyse is ready to use, cyanide-free, and formaldehyde-free!



UNI-Flow technology ... so optical

Technology	DC Electrical Impedance (for WBC, RBC, MCV, PLT and MPV) Optical scatter (for WBC differential) Absorption photometry				
Throughput	>45 samples per hour CBC Diff and CBC mode				
Sample Size	17 µl				
Parameters	**White Cells**		**Red Cells**		**Platelets**
	WBC		RBC	MCH	PLT
	Lym #	Lym %	HGB	MCHC	MPV
	Neut #	Neut %	HCT	RDW	
	Eo #	Eo %	MCV		
	Baso #	Baso %			
	Mono #	Mono %			
Physical Dimensions	Height 13.8" (35 cm) Width 9.8" (25 cm) Depth 13.8" (35 cm) Weight – 26.5 lbs (12 kg) (without on-board reagents)				

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* in development

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