

HumaCount 5D

Outstanding 5-part Diff Hematology System

- > Direct Capillary Process by OptimalCount Technology
- > Distinct 5-part diff
- > Definite Immature Cell Count (LIC, ALY)



German Quality & Reliability

Imported & Marketed By:



3-A, Adyar Bridge Road, Adyar, Chennai - 600 020 / Customer Care : +91 99405 58056
email : diagnostics@stedmanpharma.com



Diagnostics Worldwide
<http://www.human.de>

HumaCount 5D

Innovations you can count on

5-part diff hematology analyzer

- > Small footprint stand-alone system with integrated PC
- > 29 parameters with ATL#% & LIC#%
- > Sample volume: 20 µl
- > Up to 60 samples / hour
- > 2D barcode target value transfer



Direct capillary blood process using OptimalCount Technology
Same accuracy compared to venous blood.
Total capillary blood volume of 20 µl, 0 µl dead volume.

Distinct 5-part diff
Providing excellent differentiation of NEU, EOS, MON, LYM and BAS, based on 3D scatter technology.

Definite immature cell count
Quantitative count and percentage value of Large Immature Cells (LIC), Atypical Lymphocytes (ALY).

5-part diff or CBC-count mode switch
One click option to switch between full 5-part diff or CBC-count for each sample.

Direct Capillary Blood Process

Easy, less painful 5-part diff results from one drop of blood

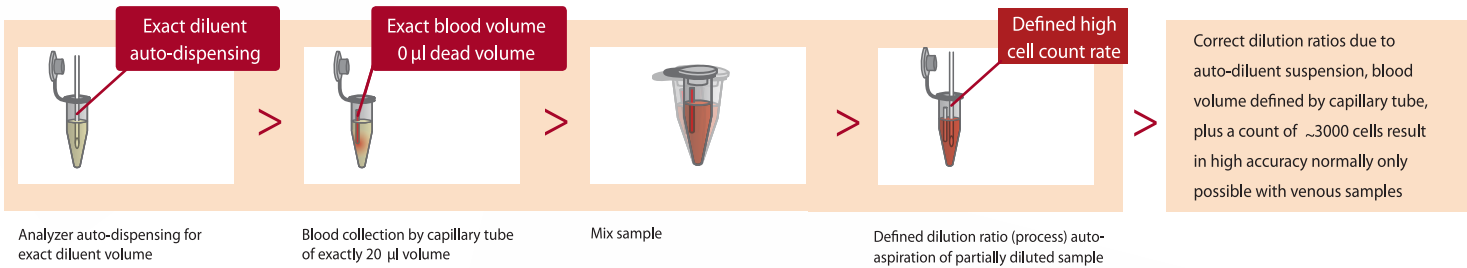
OptimalCount Technology for capillary samples

- > Accuracy as exact as for venous samples
- > Blood volume defined by capillary tube
- > Total sample volume 20 µl, 0 µl dead volume
- > Dilution defined by auto-diluent dispensing
- > No manual steps needed

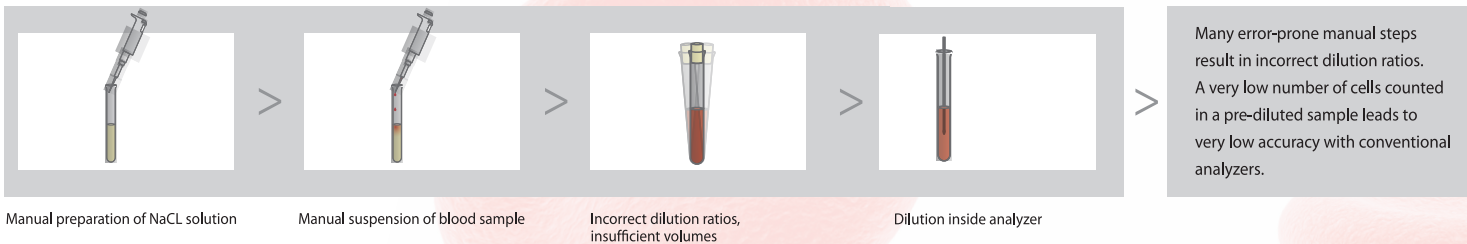
Benefit of Capillary Blood Sample

- > No physician needed to collect capillary blood
- > Quick, simple and less painful blood collection
- > Especially required for infants and small children, elderly with fragile veins and severely burned patients
- > Equally suitable for use with children and adults

Direct capillary blood process with OptimalCount Technology



Conventional capillary mode – error prone manual method



« OptimalCount Technology guarantees, accuracy as exact as with venous samples, 20 µl sample volume, 0 µl dead volume, and precise dilution – thanks to auto-dispensing.»

Distinct 5-part Diff

Improved clinical utility

Target diagnosis and treatment with 5-part diff

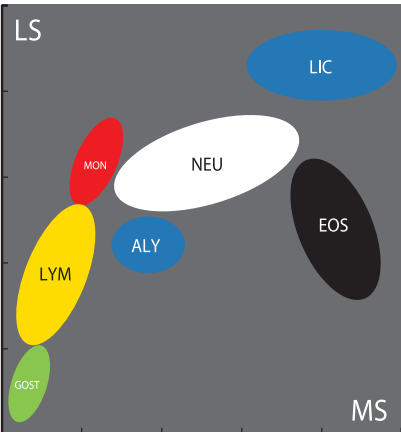
- > Absolute count and percentage of each parameter, NEU, EOS, MON, BAS, LYM, with immediate clinical relevance
- > Ability to detect abnormal cells, LIC, ALY
- > Overcomes restrictions of 3-part systems such as grouping of cell types such as MON/EOS and NEU/MON/BAS

Better differentiation with 3D scatter technology

3-channel laser detection channel (3D) for:

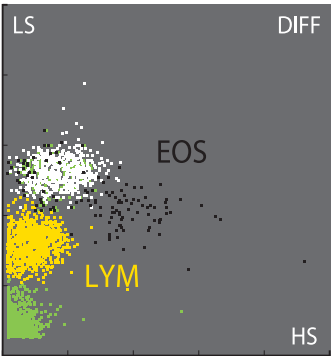
- > Eosinophils (EOS)
- > Neutrophils (NEU)
- > Monocytes (MON)
- > Lymphocytes (LYM)
- > Basophils (BAS)

Scatter diagram with all parameters

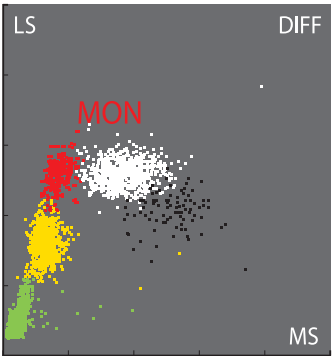


5-part diff and LIC, ALY parameters

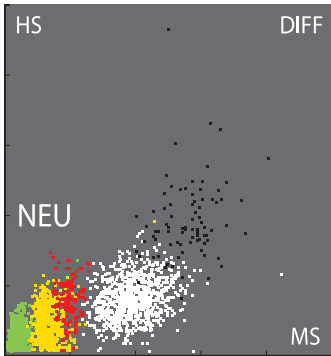
3-channel laser detection for EOS, NEU, MON, LYM



Scatter angle 1

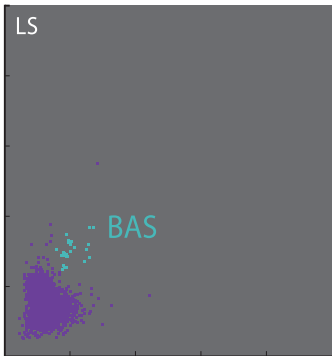


Scatter angle 2



Scatter angle 3

BAS detection channel



Dedicated BAS detection channel

Reliable immune cell analysis (LIC, ALY)

LIC and ALY without blood smears

3D Laser Scatter enables quantitative count and percentage value of Large Immature Cells (LIC) and of Atypical Lymphocytes (ALY).

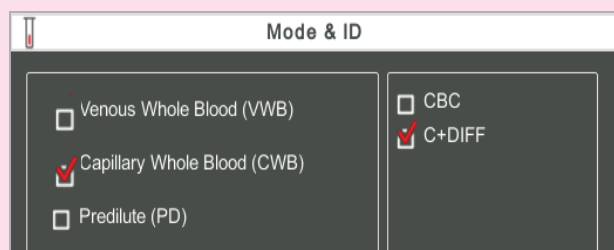
5-part Diff or CBC-count Mode Switch

Flexible and efficient with one click

One-click reagent optimization

Not every patient sample requires 5-part diff

- > Increase your flexibility with our one click option
- > Switch between full 5-part diff and CBC-count for each sample
- > Optimize your costs by reducing your reagent consumption
5-part diff = 3 reagents / CBC-count = 2 reagents



One-click sample recording

STAT samples require fast action

A new sample is recorded with a one-hand operation. When the sample is positioned under the needle for aspiration, the recording of parameters is started with the same hand by depressing the large red switch. Automated print-out and data transfer via LIS are supported.

Intuitive, ICON based HUMAN software

- > One click to result
- > One screen provides an overview of all 29 parameters, scatter plots and flags

Different tube types supported

- > Small and large EDTA primary tubes
- > Bullet tubes / capillary tubes

HumaCount 5D System Reagents

Reagents* REF

HC5D-Diluent 16450/10

- > Contains 20 l

HC5D CBC-Lyse 16450/20

- > Contains 200 ml

HC5D-Diff-Lyse 16450/30

- > Contains 500 ml

HC5D-Clean 16450/60

- > Contains 50 ml

* require RF card

Control REF

HC5D Control 16450/40

- > Target value upload via 2D barcode
- > 3 Levels, multi-parameter
- > 2 x 3 x 3 ml

Calibrator

HC-Calibrator 17400/50

- > For use on all HUMAN hematology systems
- > 1 x 2 ml

Imported & Marketed By:



3-A, Adyar Bridge Road, Adyar, Chennai - 600 020 / Customer Care : +91 99405 58056
email : diagnostics@stedmanpharma.com



Diagnostics Worldwide
<http://www.human.de>