

# Product Information BC Diff 5 Control

## Product description

BC Diff 5 control is a tri-level whole blood control preparation, intended for use in Hemocytometry to monitor daily accuracy and precision of Mindray BC 5500 hematology instruments.

## Ingredients

BC Diff 5 Control contains Human RBC, mammalian WBC and platelets. All cells are suspended in a plasma like fluid. BC Diff 5 Control is manufactured in such a way that it simulates whole blood. The following hemocytometric values may be obtained: tWBC, %NE, %LY, %MO, %EO, %BAS, RBC, HGB, Hematocrit, MCV, MCH, MCHC, PLT and all other values directly derived from those listed.

## Suitability

BC Diff 5 Control is suitable for use on Mindray BC 5500. The Controls are supplied with Assay Value Sheets.

## Product Stability

BC Diff 5 Control is stable for 3 months. Opened vials remain stable for minimum 2 weeks, when used in accordance with the instructions for use. Unopened vials may be stressed for 48 hours at 18°C maximum, without losing product integrity.

## Availability

BC Diff 5 is available in the following pack sizes:

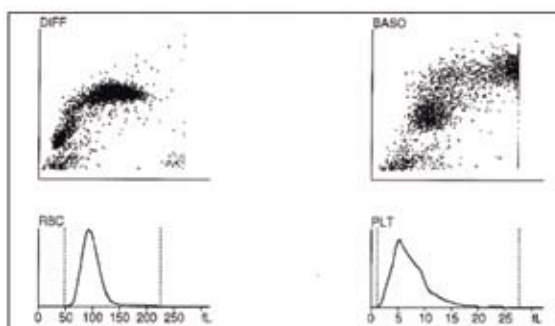
Vial	Package	Product Nr.		
		Low	Normal	High
3 ml	Pierceable	3613	3614	3615

## Delivery schedule and ordering info

BC Diff 5 Control is manufactured and delivered on a 9 weeks schedule. Every 3rd week of the following calendar months: February, April, June, August, October and December. Orders are guaranteed when ordered in time, according the delivery schedule.

## Expected Histograms

BC Diff 5 Control Normal



## Additional

The J.T.Baker's quality assessment program, Rapid Stat will be available for users of BC Diff 5 control in the near future. The assay value sheet of BC Diff 5 control lists the following parameters.

Parameters BC 5500	
WBC $10^9/l$	Not reported
NEUT # $10^9/l$	
LYMP # $10^9/l$	
MONO # $10^9/l$	
EOS # $10^9/l$	
BASO # $10^9/l$	
NEUT %	
LYMP %	
MONO %	Not reported
EOS %	
BASO %	
RBC $10^{12}/l$	
HGB g/dl and mmol/l	
HCT % and l/l	
MCV fl	
MCH pg and fmol	
MCHC g/dl and mmol/l	
RDW-CV %	
PLT $10^9/l$	
MPV fl	