

Product Information K Diff Control for Sysmex Analyzers

Product description

K Diff control is a whole blood control preparation, intended for use in Hemocytometry to monitor daily accuracy and precision of cell analyzers and manual analytical procedures.

Ingredients

K Diff Control contains Human RBC, simulated WBC and mammalian platelets. All cells are suspended in a plasma like fluid. K Diff Control is manufactured in such a way that it simulates whole blood. When used on automated cell analyzers, the following hemocytometric values may be obtained: tWBC, RBC, Platelets, MCV, MCH, MCHC, Hematocrit, RDW, %LY, %Mid, % Gr. and all other values directly derived from those listed.

Suitability

K Diff Control is suitable for use on all Sysmex K series (K 800, K 1000, K 4500 and KX-21) analyzers. The Controls are supplied with Assay Value Sheets.

Product Stability

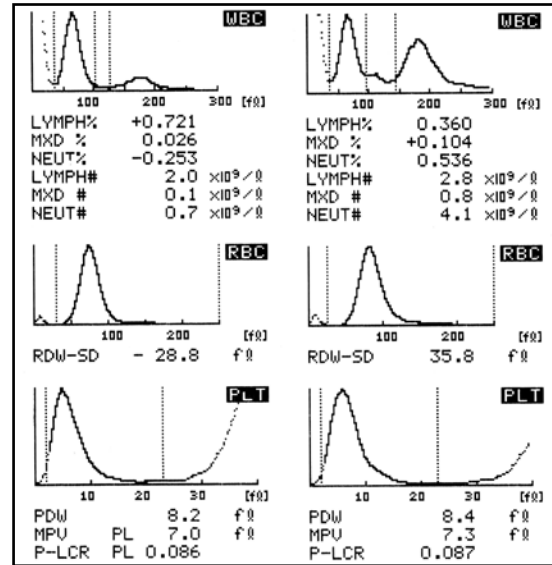
K Diff Control is stable for 4 months. Opened vials remain stable for 3 weeks, when used in accordance with the instructions for use. Unopened vials may be stressed for 48 hours at 18° C maximum, without losing product integrity.

Additional

Users of K Diff Control may participate in J.T.Baker's quality assessment program, Rapid Stat.

Parameter	Low	Normal	High
WBC x 10 ⁹ /l	2.9	8.1	24.5
Ly %	72.5	36.4	11.9
Mxd %	3.0	8.8	10.9
Neut %	24.5	54.8	77.2
RBC x 10 ¹² /l	2.21	4.04	5.50
Hemoglobin g/dl.	5.9	11.9	17.7
Hct %	15.5	31.3	45.6
MCV fl	70.2	77.5	83.0
MCH pg	26.7	29.5	32.2
MCHC g/dl	38.0	38.0	38.8
Platelets x 10 ⁹ /l	60	199	420
MPV fl	7.5	7.3	7.8

Expected Histograms



Low on Sysmex

Normal on Sysmex

Availability

K Diff Control is available in the following pack sizes:

Volume per vial	Type of package	Product Nr.		
		Low	Normal	High
2.5 ml	Screw cap	3896	3897	3898

Delivery schedule and ordering information

K Diff Control is manufactured and delivered on a 13 weeks schedule. Every 3rd week of the following calendar months: February, May, August, November. Orders are guaranteed when ordered in time, according the delivery schedule.