



# CELL-DYN 3200 reagents

<b>REF</b>	8-506 DILUENT CD 3500 (20 L)
	8-513 ENZYMATIC CLEANER FORTE (100 ml)
	8-510 LYSING REAGENT CD 3200 CN FREE (1 L)
	8-511 SCATTER REAGENT CD 3200 (5 L)

## IVD

### SUMMARY

CELL-DYN 3200 blood counter uses flow cytometric techniques to analyze the RBC/PLT, WBC and NOC populations. Cells are passed through a beam of light and are measured by sensors by the loss or scattering of light. Generated optical signals are detected and converted to electrical impulses which are analyzed by the computer. HGB is measured using the colorimetric determination. After lyse of red cells a low-energy LED measures the amount of absorbance which is proportional to the HGB concentration. Three separate dilutions are prepared for WBC, RBC/PLT and HGB.

### COLLECTION AND STORAGE

**CELL-DYN 3200** is a multiparameter, automated hematology analyser performing haematological analysis on whole blood collected on EDTA tubes. The samples should be used at room temperature no longer than 8 hours after collection. If the analysis can not be done in the time, the samples should be stored at 2-8°C.

### UTILISATION

Before running the analysis, the sample should be gently mixed. Do not mix the different lots of reagents.


### CONSERVATION AND SHELF LIFE

The reagents must be stored between 18°C and 30°C and used before the expiry date indicated on the label.

### REFERENCE

Refer to the Operator manual for the analysers.

### NAME AND ADDRESS OF THE MANUFACTURER

 PZ CORMAY S.A.  
Wiosenna 22  
05-092 Łomianki, Poland  
tel.: +48 (0) 22 751 79 10  
fax: +48 (0) 22 751 79 14  
<http://www.cormay.pl>

<b>UTILISATION (For In Vitro Diagnostic use)</b>	
<b>DILUENT CD 3500</b> is designed for diluting the whole blood prior to measurement of RBC/PLT/HGB. It maintains stability RBC/PLT during counting.	
<b>ENZYMATIC CLEANER FORTE</b> is designed to remove protein contaminants from the measurement system analyser after each blood sample analysis. The presence of an enzyme reduces the formation of proteins deposit.	
<b>LYSING REAGENT CD 3200 CN FREE</b> is lysing agent to obtain the measurement of the haemoglobin. This reagent lyses the red blood cells and prepares white cells for enumeration.	
<b>SCATTER REAGENT CD 3200</b> is designed for diluting the whole blood prior to measurement of WBC. It also osmotically lyses the red cells and maintain light scattering properties of the WBCs.	
These reagents are the functional set to perform blood sample analysis on haematology analyser.	
<b>COMPONENTS</b>	
<b>DILUENT CD 3500</b>	<b>ENZYMATIC CLEANER FORTE</b>
sodium chloride 2,5 g/l inorganic phosphate buffer 5,6 g/l sodium sulphate 10 g/l EDTA < 1 g/l preservative < 0.5 g/l	sodium phosphate < 5 g/l sodium sulphate < 5 g/l preservative 1 g/l dyes < 0.02 g/l proteolytic enzymes 5 – 12 g/l
<b>LYSING REAGENT CD 3200 CN FREE</b>	<b>SCATTER REAGENT CD 3200</b>
nonionic based surfactant < 0.5 g/l  dodecyltrimethyl-ammoniumbromide 30 g/l  other quaternary ammonium salt < 1.5 g/l	non-ionic based surfactant < 0.5 g/l alkoxy-alcohol < 10 g/l Tris buffer < 0.5 g/l
<b>WASTE TREATMENT</b>	
Chemical residues, in general, are included into special waste. Disposing of the latter is regulated by appropriate laws and ordinances. We recommend contacting the appropriate authorities, or waste disposal enterprises that will advise you on how to dispose special waste of.	
<b>PRECAUTIONS</b>	
For <i>In vitro</i> diagnostic use. For professional use only. Wear protective equipment. Avoid release to sewage system or to environment. For further information please refer to Material Safety Data Sheet.	