



Manufactured by Hyphen BioMed.

BIOPHEN Protein C 5 ON SYSMEX CA 7000

Adaptation of BIOPHEN PROTEIN C 5 on Sysmex CA 7000

1. Reconstitution of BIOPHEN PROTEIN C 5 (Ref A221205) reagents.

Chromogenic determination of Protein C.

	NAME	Reconstitution	Stability	Stabilization in T°
R1	Protac	5 ml * of distilled water *	3 months at 2-8°C * 3 days at room T° Do not freeze	** 30 mn before any use
R2	SAPC-21 Substrate	5 ml of distilled water *	3 months at 2-8°C * 3 days at room T° Do not freeze	** 30 mn before any use

Reconstitution:

* After reconstitution with distilled water, leave the R1 and R2 reagents to stabilize for 30 minutes at room temperature.

Conservation of reagents:

Take care of putting up the specific caps back on the bottles before storing them at 2°-8° C and of strictly respecting the temperature stabilization time of 30 minutes before using the reagents on the automate.

Stabilization of reagents:

** It is necessary to leave the substrate (R2) and the Protac (R1) temperature to stabilize for at least 30 minutes on the automate before any use.

Foot-note: Do not interchange the reagents from different lots .

2. Reconstitution of quality Controls

NAME	Reconstitution	Stability	Stabilization in T°
Calibration Biophen Plasma Calibrator (ref A222101)	1 ml of distilled water *	24 hours at 2-8°C 8 hours at room T°	** 30 minutes on CA7000 board before any use
Quality controls Biophen Normal Control (ref A223201) Biophen Abnormal Control (ref A223301)	1 ml of distilled water *	24 hours at 2-8°C 8 hours at room T°	** 30 minutes on CA7000 board before any use

Reconstitution:

After reconstitution of calibrators or controls with distilled water, leave them to stabilize for 30 minutes at room temperature.

Foot-note: A calibration curve must be carried out for each new batch of reagents.

Conservation of reagents:

** Take care of strictly respecting the 30 minutes temperature stabilization time for *calibrators* and *controls* at room temperature, then the 30 minutes on the automate, particularly if they were stored at 2-8°C. Homogenize before each use.

Foot-note: Do not freeze calibrators or controls.

Configuration of the analyzer: cf chapter 5.

3. Expression of Results:

- The calibration curve is of the Lin (absorbance) - Lin (concentration) type.
- The values obtained for the patients and controls are directly calculated from the calibration curve.
- The results are expressed in % activity.
The 100% activity is that of a reference normal pooled citrated plasma.

4. Programming Sysmex CA 7000 analyzer

1. System Parameters

System		Ready					
				Emergency			
Analyse Protocol							
Parameter : PC Chr		Para Code					
Detection Wavelength		Chromogene		PC			
		Low Sens / 405nm		Inc			
Mesure Range		15 sec		80 sec			
Sample Vol .		Tip SB		30 µl		Detection Method	
Diluent Vol.				µl			
Wash Vol		Without					
Second dilution Diluent Vol.		No Util		0µl			
Wash Vol		Without		0µl			
Deficient Plasma Mix		Without					
Vol. diluent		No Util		0µl			
Clean.(Before/Ext/Pos)		Without		x0/ Off /Without x0			
1st Reagent Mix		Protac		125µl		360 sec Norm	
Diluent Vol.		Tip R B1		No0µl			
Clean.(Bef/Ext/Pos)		Without		x0/ Off /Clean 1x3			
2nd Reagent Mix		SUB		125µl		0 sec Norm	
Diluent Vol.		Tip R A2		No 0µl			
Clean.(Bef/Ext/Pos)		Without		x0/ Off /Clean 1x1			
3rd Reagent Mix		Without					
Diluent Vol.		No Util		0µl			
Clean.(Bef/Ext/Pos)		Without		x0/ Off /Without x0			
Select Tests	Name Tests	Special	↑	↓			Go Back

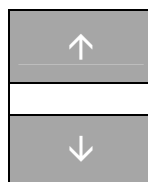
2. Calibration

System		Ready		
			Emergency	
Analyse Protocol				
Parameter : PC Chr Para Code				

PC Interne Dil. Auto

Calibrator	Data
Biophen cal	100 %

Ratio Dil	PC	Double
1 : 1	100 %	1
1 : 2	50 %	1
1 : 4	25 %	1
1 : 8	12.5 %	1



Buffer
O.Koller

Select Tests	Name Tests	Change	Reagent Choice		Go Back
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