



Manufactured by Hyphen BioMed.

BIOPHEN Protein C 2.5 ON SYSMEX CA 1500

Adaptation of BIOPHEN PROTEIN C 2.5 on Sysmex CA 1500

1. Reconstitution of BIOPHEN PROTEIN C 2.5 (Ref A221202) reagents.

Chromogenic determination of Protein C.

	NAME	Reconstitution	Stability	Stabilization in T°
R1	Protac	2.5 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	2.5 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 <i>CA1500 board</i> 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 <i>CA1500 board</i> 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 1500 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
	Sysmex Default 0.0			
Sample Vol .	Tip SB	30	µl	
Diluent Vol.			µl	
Wash Vol	Without			Detection Method
Second dilution Diluent Vol.	No Util	0µl		1
Wash Vol	Without	0µl		7
	Without	Without		8
Deficient Plasma Mix	Without			9
Vol. diluent	No Util	0µl		4
Clean.(Before/Ext/Pos)	Without	x0/ Off /Without x0		5
1st Reagent Mix	Protac	125µl	360 sec	Norm
Diluent Vol.	Tip R B1	No0µl		6
Clean.(Bef/Ext/Pos)	Without	x0/ Off /Clean 1x3		1
2nd Reagent Mix	SUB	125µl	0 sec	Norm
Diluent Vol.	Tip R A2	No	0µl	2
Clean.(Bef/Ext/Pos)	Without	x0/ Off /Clean 1x1		3
3rd Reagent Mix	Without			0
Diluent Vol.	No Util	0µl		Enter
Clean.(Bef/Ext/Pos)	Without	x0/ Off /Without x0		
Select Tests	Name Tests	Special	↑	↓
				Go Back

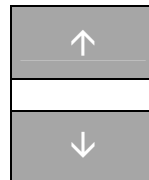
2. Calibration

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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