

APPLICATION NOTE

MONARCH

COMPLEMENT C3 N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use

Calibration: dilute Protein Standard High successively 1:2 in saline 9 g/L to set up a calibration curve.

Alternatively use to ready for use Protein Standard Set. Use saline 9 g/L as zero point

Buffer: Ready for use

Antiserum: Ready for use

2. Instrument setting

IDENTIFICATION		DATA INTEGRITY	
Test code	*	Integrity Test	Slope
Test name	Complement C3		Normal Range
Test mnemonic	C3C	Integrity Parameters	
Optical mode	Absorbance	Slope	Positive
Response algorithm	Final - Initial	Lower Limit	75
Result algorithm	Non-Linear Interp.	Upper Limit	135
LOADING		DATA FIT	
Loading type	Load / Reload / Analyze	Calibrator A	0
Reagent blank	On	Calibrator B	**
Reference type	Diluent	Calibrator C	**
Calibrator type	Multi-component (*)	Calibrator D	**
Sample volume	2 µL	Calibrator E	**
Sample diluent	10 µL	Calibrator F	**
Reagent diluent	10 µL	Correction mode	None
1st reagent	200 µL	Units	mg/dL
2nd reagent	0 µL	No. of decimal places	0
3rd Reagent	30 µL		
4th Reagent	0 µL		
1st Rgt Bar Code	*		
3rd Rgt Bar Code	*		
DATA ACQUISITION			
Analysis type	Mix, run		
Temperature	37°C		
Delay time	5 sec.		
Interval time	5 sec.		
Number of data points	10		
Filter 1	340 nm		
Filter 2	340 nm		
Monochromator 1	340 nm		
Monochromator 2	340 nm		
Comptability	None		

* User defined

** Standard Value

3. Ordering Information

C3C/AUT-000 1 x 10 mL Antiserum

5 x 25 mL Buffer

MPS/STH-001 Protein Standard High, 1 mL

MPS/STS-5x1 Protein Standard Set, 5x1 mL

MPC/CON-001 Protein Control, 1mL

MPC/CON-005 Protein Control, 5 mL