

APPLICATION NOTE SPACE COMPLEMENT C3 N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready to use

Reagents: Ready to use

Calibration: Dilute Protein Standard High successively 1:2 in 9 g/L NaCl to set up a calibration curve . Use 9 g /L NaCl as zero point. Alternatively use the ready for use Protein Standard Set.

2. Instrument setting

IDENTIFICATION						
Test Name			COMPLEMENT C3			
Test Mnemonic			C3C			
Test Type			PHOTOMETRIC			
Sample Type			SERUM			
LOADING METHOD						
EXTERNAL BLANK: NONE		ESB DIL/ N/A		ERB DIL: N/A		
STEP	TYPE	FLUID 1	VOL	FLUID 2	VOL	DILUENT
1	1 REAGENT	C3 R1	350	N/A	N/A	0
2	SAMPLE	SAMPLE	3	N/A	N/A	10
3	INCUBATE	N/A	N/A	N/A	N/A	N/A
4	TAKE BLANK READING	N/A	N/A	N/A	N/A	N/A
5	1 REAGENT	C3 R2	50	N/A	N/A	0
6	Unused	N/A	N/A	N/A	N/A	N/A
7	Unused	N/A	N/A	N/A	N/A	N/A
Predilute	NO	Ratio	1:N/A	Diluent	N/A	
Auto rerun	YES	Ratio	1:2	Diluent	SYSTEM	
Incubation 1 times (secs)		Min	60	Max	90	
Incubation 2 times (secs)		Min	N/A	Max	N/A	
Incubation 3 times (secs)		Min	N/A	Max	N/A	
DATA ACQUISITION METHOD						
Response calculation			FINAL POINT			
Number of data points			1			
First data point time (SECS)			303			
Time between data points (SECS)			0			
Final data point time (SECS)			303			
Reaction wavelength (NM)			340			
Bichromatic correction wavelength (NM)			0			
CALCULATION METHOD						
Result calculation		NON-LINEAR		Calibrator		Concentration
Factor		N/A		1		0.9 % NaCl
No. of calibrators		6		2		MPS 1
No. of replicates		2		3		MPS 2
				4		MPS 3
				5		MPS 4
				6		MPS 5
				Correction Method		None
				Correction Name		N/A
				Correction Slope		1.0000
				Intercept		0.000
RESULT TYPE						
Result type			NUMERIC			
Units			G/L			
Number decimals places			3			
INTEGRITY CHECKS		REFERENCE RANGE CHECK			QUALITY CONTROL	
Facultative		Facultative			Facultative	

* entered by operator

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, 5 x 1 mL

MPC/CON-001 Protein Control, 1 mL