

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

1. Reagent preparation

Sample: Ready for use
 Buffer R1: Ready for use
 Antiserum R2: Ready for use
 Standard: Protein standard set, ready for use. Use saline 9 g/L as zero point.

2. Instrument settings

GENERAL PARAMETERS						
Name	C3C		Assay type	Photometric		
Assay number			Assay availability	Enabled		
Assay version			Cal version			
REACTION DEFINITION						
Reaction mode	End up		Main read time	31 – 33		
Primary wavelength	340		Flex read time			
Secondary wavelength	804		Color correction read time	0 – 0		
Last read required	33		Blank read time	14 – 16		
Absorbance range	0.000 – 0.000					
Sample blank type	Self					
Blank assay						
REAGENT/SAMPLE						
Reagent	C3C					
R1 reagent volume	200		R2 reagent volume	30		
R1 water volume	0		R2 water volume	0		
R1 dispense mode	Type 0		R2 dispense mode	Type 0		
Diluent name	Saline		Diluent dispense mode	Type 0		
Diluent name	Sample volume	Diluted S. Vol.	Diluent volume	Water volume	Dilution factor	
STANDARD	2	0	0	0		
DIL1	20.0	10.0	180	0		
VALIDITY CHECKS						
Reaction check type	None					
Read time A range			Read time B range			
Calculation limit			Minimum absorbance			
			Rate linearity %			
Maximum abs. variation	0.000					
CALIBRATION PARAMETERS						
Calibration method	Spline					
Use cal factor from			Factor			
Full interval hours	672		Adjustment interval hours			
Expected cal factor	0		Adjustment level			
Expected cal factor tol. %	0		Default ordering type	Full		
			Blank absorbance rate	0.00 – 0.00		
Span			Span absorbance rate	0 – 0		
Maximum curve fit	0					
Calibrator set name			Replicates	1		
Cal level	Concentration	Sample volume	Diluted S. vol.	Diluent volume	Water volume	
Blank	0	2.0	0	0	0	
Std 1	*	2.0	0	0	0	
Std 2	*	2.0	0	0	0	
Std 3	*	2.0	0	0	0	
Std 4	*	2.0	0	0	0	
Std 5	*	2.0	0	0	0	
SMART WASH						
Component	Reagent/Assay	Wash	Volume	Replicates	Wash protocol	
Reagent probe (R1)	All	Water	345	1		
Reagent probe (R2)	All	Water	345	1		
RESULT PARAMETERS						
Linearity range						
Flag range specifications						
RESULT UNITS						
Result concentration units	mg/dL		Correlation factor	1.00		
Result decimal places	1		Intercept	0.00		

* standard value, see insert

3. Ordering information

C3C/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 MPC/CON-001 Protein Control, 1mL
 MPC/CON-005 Protein Control, 5 mL