

APPLICATION NOTE

ARCHITECT

α1 – ANTITRYPSIN SD (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	AAT SD		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	AAT					
R1 reagent volume	200		R2 reagent volume	25		
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	20.0	4.0	180	0	1:10	
DIL1	20.0	2.0	180	0	1:20	
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	10		
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	4.0	0	0	0	
Std 1	*	20.0	4.0	180	0	
Std 2	*	20.0	4.0	180	0	
Std 3	*	20.0	4.0	180	0	
Std 4	*	20.0	4.0	180	0	
Std 5	*	20.0	4.0	180	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

AAT/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE

ARCHITECT

α1 – ACID GLYCOPROTEIN SD (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	AGP SD		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	AGP					
R1 reagent volume	180		R2 reagent volume	25		
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	20.0	15.0	180	0	1:10	
DIL1	20.0	7.5	180	0	1:20	
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	10		
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	15.0	0	0	0	
Std 1	*	20.0	15.0	180	0	
Std 2	*	20.0	15.0	180	0	
Std 3	*	20.0	15.0	180	0	
Std 4	*	20.0	15.0	180	0	
Std 5	*	20.0	15.0	180	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

AGP/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE ARCHITECT HAPTOGLOBIN SD (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	HAP SD		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	HAP					
R1 reagent volume	180		R2 reagent volume	20		
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	20.0	10.0	180	0	1:10	
DIL1	20.0	5.0	180	0	1:20	
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	10		
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	10.0	0	0	0	
Std 1	*	20.0	10.0	180	0	
Std 2	*	20.0	10.0	180	0	
Std 3	*	20.0	10.0	180	0	
Std 4	*	20.0	10.0	180	0	
Std 5	*	20.0	10.0	180	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

HAP/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

APPLICATION NOTE ARCHITECT IGG SD (SEL-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	IGG SD		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	IGG SD					
R1 reagent volume	180		R2 reagent volume	20		
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	20.0	10.0	180	0	1:10.00	
DIL1	20.0	5.0	180	0	1:19.57	
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	10		
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	10.0	0.0	0	0	
Std 1	*	20.0	10.0	180	0	
Std 2	*	20.0	10.0	180	0	
Std 3	*	20.0	10.0	180	0	
Std 4	*	20.0	10.0	180	0	
Std 5	*	20.0	10.0	180	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

IGG/SEL-000 1 x 5 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE ARCHITECT IGA SD (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	IGA SD		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	IGA				
R1 reagent volume	180		R2 reagent volume	20	
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	20.0	8.0	180	0	1:10.00
DIL1	20.0	4.0	180	0	1:19.62
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	10	
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	8.0	0.0	0	0
Std 1	*	20.0	8.0	180	0
Std 2	*	20.0	8.0	180	0
Std 3	*	20.0	8.0	180	0
Std 4	*	20.0	8.0	180	0
Std 5	*	20.0	8.0	180	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

IGA/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

APPLICATION NOTE ARCHITECT IGG SD (SEL-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	IGG SD		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	IGG SD					
R1 reagent volume	180		R2 reagent volume	20		
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	20.0	10.0	180	0	1:10.00	
DIL1	20.0	5.0	180	0	1:19.57	
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	10		
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	10.0	0.0	0	0	
Std 1	*	20.0	10.0	180	0	
Std 2	*	20.0	10.0	180	0	
Std 3	*	20.0	10.0	180	0	
Std 4	*	20.0	10.0	180	0	
Std 5	*	20.0	10.0	180	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

IGG/SEL-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

APPLICATION NOTE ARCHITECT TRANSFERRIN SD (SEL – 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	TRF SD	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	TRF				
R1 reagent volume	250	R2 reagent volume	10		
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	20.0	4.0	180	0	1:10.00
DIL1	10.0	4.0	190	0	1:19.62
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	10		
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	4.0	0.0	0	0
Std 1	*	20.0	4.0	180	0
Std 2	*	20.0	4.0	180	0
Std 3	*	20.0	4.0	180	0
Std 4	*	20.0	4.0	180	0
Std 5	*	20.0	4.0	180	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

TRF/SEL-000 1 x 5 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE ARCHITECT ASLO N-DIL (AUT – KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer R1: Ready for use
 Latex R2: Ready for use
 Standard: Dilute ASL standard high successively 1:2 in saline 9 g/L. Use saline 9 g/L as zero point.

2. Instrument settings

GENERAL PARAMETERS						
Name	ASL	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	600	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	ASL					
R1 reagent volume	210	R2 reagent volume	45			
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	3	0	0	0		
DIL1	20.0	15.0	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	3.0	0	0	0	
Std 1	*	3.0	0	0	0	
Std 2	*	3.0	0	0	0	
Std 3	*	3.0	0	0	0	
Std 4	*	3.0	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	IU/mL	Correlation factor	1.00			
Result decimal places	1	Intercept	0.00			

* standard value, see insert

3. Ordering information

ASL/AUT-000 1 x 10 mL Latex
 5 x 25 mL Buffer
 ASL/STS-4X1 ASL(O) Standard Set, 4 x 1 mL
 ASL/CON-001 ASL(O) Control, 1mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

ARCHITECT SYSTEM ASSAY PARAMETERS

C1 Esterase

General Parameters			
Name	C11		
Assay Nr	#		
Assay version	1		
Assay Type	Photometric		
Availability	Activated		
Cal- Version			
Reaction definition			
Reaction Mode	Endpoint Up		
Primary Wavelength	340		
Secondary Wavelength	700		
Last required measurement	33		
Absorbance range	0.000 – 2.500		
Sample blank type	Same empty cuvette		
Blank Assay			
Main Read points	31 - 33		
Flex Read points	0 - 0		
Read points correction	0 - 0		
Blank Read points	14 - 16		
Reagent/Sample			
Reagent	C11		
Reagent Volume R1	250		
Water Volume R1	0		
Dispense Mode R1	Typ 0		
Diluent Name	NaCl		
Reagent Volume R2	30		
Water Volume R2	0		
Dispense Mode R2	Typ 0		
Dispense Mode Diluent	Typ 0		
Dilution name	Std	Dil 1	Dil 2
Sample volume	3	0.0	0.0
Vol diluted sample	0.0	0.0	0.0
Diluent volume	0	0	0
Water volume	0	0	0
Dilution factor			
Validation			
Reaction check type	No		
Range read point A			
Calculation limit			
Range read point B			
Minimum Absorbance			
Linearity Kinetic %			
Maximum Abs deviation	0.000		
Calibration parameters			
Calibration Method	Spline		
Applied Cal Factor			
Interval	0		
Adjustment type	No		
Blank Abs Range	0.000 – 0.000		
Abs Range	0.000 – 0.000		
Cal Level	Conc	Sample Vol	
BLK	0.00	3	
Cal 1	*	3	
Cal 2	*	3	
Cal 3	*	3	
Cal. 4	*	3	
Cal 5	*	3	
Linear Range	0 - 90		
Conc Units	mg/dl		
Decimal Places	1		
Correlation Factor	1.000		
Intercept	0.000		

Este protocolo foi validado em versão de equipamento disponível na época.

Notas:

1. Por favor, recorra a bula do produto para informações detalhadas sobre os seguintes testes:

- Relevância clínica
- Método e Princípio
- Composição e Estabilidade dos Reagentes
- Amostras
- Calibradores e Controles
- Desempenho e Características considerando:
 - Faixa de medição
 - Especificidade/Interferentes
 - Sensibilidade/Limite de Detecção
 - Precisão (Reprodutibilidade, Repetibilidade)
 - Comparação de método
 - Valores de referência
 - Literatura

2. A estabilidade do reagente a bordo do analisador é pelo menos e semanas contanto que sejam evitadas a contaminação e a evaporação.

Produzido por:

DiaSys Diagnostic Systems GmbH
Alte Strasse 9 IVD 65558 Holzheim Alemanha

Distribuído por:

Biosys Ltda.
Rua Coronel Gomes Machado, 358
Niterói – Rio de Janeiro
(21) 3907-2534

#) Data entry by the user

*) Enter calibration or standard value and position

**) Factor to be checked by a calibration serum

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
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE ARCHITECT COMPLEMENT C4 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	C4C		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	C4C					
R1 reagent volume	180		R2 reagent volume	20		
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	3	0	0	0		
DIL1	20.0	15.0	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	3.0	0	0	0	
Std 1	*	3.0	0	0	0	
Std 2	*	3.0	0	0	0	
Std 3	*	3.0	0	0	0	
Std 4	*	3.0	0	0	0	
Std 5	*	3.0	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

C4C/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

Protocolo ARCHITECT CRP (AUT-KIT)

Notas:

1. Por favor, recorra a bula do produto para informações detalhadas sobre os seguintes testes:

Relevância clínica

Método e Princípio

Composição e Estabilidade dos Reagentes

Amostras

Calibradores e Controles

Desempenho e Características considerando:

- Faixa de medição
- Especificidade/Interferentes
- Sensibilidade/Limite de Detecção
- Precisão (Reprodutibilidade, Repetibilidade)
- Comparação de método

- Valores de referência

- Literatura

2. A estabilidade do reagente a bordo do analisador é pelo menos um mês contanto que sejam evitadas a contaminação e a evaporação

3. Fabricado por:
Aptec Diagnostics, Belgium

4. Protocolo

GENERAL PARAMETERS					
Name	CRP	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	CRP				
R1 reagent volume	200	R2 reagent volume	20		
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	12	0	0	0	
DIL1	6	0	0	0	
VALIDITY CHECKS					
Reaction check type	None				
Read time A range		Read time B range			
Calculation limit		Minimum absorbance			
Maximum abs. variation	0.000				
Rate linearity %					
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	12.0	0	0	0
Std 1	*	12.0	0	0	0
Std 2	*	12.0	0	0	0
Std 3	*	12.0	0	0	0
Std 4	*	12.0	0	0	0
Std 5	*	12.0	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		

* valores de calibrador

APPLICATION NOTE

ARCHITECT

RHEUMATOID FACTOR 3rd N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer R1: Ready for use
 Latex R2: Ready for use
 Standard: Dilute RF standard high successively 1:2 in saline 9 g/L. Use saline 9 g/L as zero point.

2. Instrument settings

GENERAL PARAMETERS					
Name	RF	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 – 2.500				
Sample blank type	Self				
Blank assay					
REAGENT/SAMPLE					
Reagent	RF				
R1 reagent volume	250	R2 reagent volume	50		
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	16.0	0	0	0	1 : 0.88
DIL1	8.0	0	0	0	1 : 1.72
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	14	0	0	0
Std 1	*	10	10	190	0
Std 2	*	20	10	180	0
Std 3	*	7	0	0	0
Std 4	*	14	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	IU/mL	Correlation factor	1.00		
Result decimal places	1	Intercept	0.00		

* standard value, see insert

3. Ordering information

RF3/AUT-000 1 x 10 mL RF Latex
 5 x 25 mL RF Buffer
 RHF/STH-001 RF Standard High, 1 mL
 RHF/CON-001 RF Control, 1 mL

APPLICATION NOTE ARCHITECT HAPTOGLOBIN 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	HAP		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	HAP					
R1 reagent volume	280		R2 reagent volume	40		
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	0		
DIL1	20.0	10.0	180	0	1:10	
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

HAP/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE

ARCHITECT

IGA KIT

2nd GENERATION

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	IGA SD		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	IGA				
R1 reagent volume	180		R2 reagent volume	20	
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	20.0	8.0	180	0	1:10.00
DIL1	20.0	4.0	180	0	1:19.62
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	10	
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	8.0	0.0	0	0
Std 1	*	20.0	8.0	180	0
Std 2	*	20.0	8.0	180	0
Std 3	*	20.0	8.0	180	0
Std 4	*	20.0	8.0	180	0
Std 5	*	20.0	8.0	180	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

104C002 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE

ARCHITECT

IGG KIT 2nd GENERATION

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	IGG2		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	IGG2					
R1 reagent volume	180		R2 reagent volume	20		
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	20.0	10.0	180	0	1:10.00	
DIL1	20.0	5.0	180	0	1:19.57	
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	10		
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	10.0	0.0	0	0	
Std 1	*	20.0	10.0	180	0	
Std 2	*	20.0	10.0	180	0	
Std 3	*	20.0	10.0	180	0	
Std 4	*	20.0	10.0	180	0	
Std 5	*	20.0	10.0	180	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

105C003 1 x 5 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE

ARCHITECT

IgG N-DIL (LOW-KIT) URINE, CSF

1. Reagent preparation

Sample: Ready for use
 Buffer R1: Ready for use
 Antiserum R2: Ready for use
 Standard: Dilute Paediatric standard successively ½ in Saline 9 g/L to set up a calibration curve. Use saline 9 g/L as zero point.

2. Instrument settings

GENERAL PARAMETERS						
Name	IGG LOW		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	IGG LOW					
R1 reagent volume	200		R2 reagent volume	40		
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	14.0			0		
DIL1	7.0			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	14	0.0	0	0	
Std 1	*	14	0.0	0	0	
Std 2	*	14	0.0	0	0	
Std 3	*	14	0.0	0	0	
Std 4	*	14	0.0	0	0	
Std 5	*	14	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/L		Correlation factor	1.00		
Result decimal places	2		Intercept	0.00		

* standard value, see insert

3. Ordering information

IGG/LOW-000 1 x 5 mL Antiserum
 2 x 25 mL Buffer
 MPP/STD-001 Paediatric standard, 1 mL
 MPP/CON-001 Paediatric control, 1mL

APPLICATION NOTE

ARCHITECT

IGM KIT

2ND GENERATION

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	IGM SD		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	IGM				
R1 reagent volume	180	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	20.0	10.0	180	0	1:10.00
DIL1	20.0	5.0	180	0	1:19.62
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	10	
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	10.0	0.0	0	0
Std 1	*	20.0	10.0	180	0
Std 2	*	20.0	10.0	180	0
Std 3	*	20.0	10.0	180	0
Std 4	*	20.0	10.0	180	0
Std 5	*	20.0	10.0	180	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

106C002 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE

ARCHITECT

MICROALBUMIN KIT

2nd GENERATION

1. Reagent preparation

Sample: Centrifuged urine
 Buffer R1: Ready for use
 Antiserum R2: Ready for use
 Standard: Dilute the Microalbumin standard successively 1:2 in NaCl 9g/L to set up a calibration curve. Alternatively use the ready for use Microalbumin Standard Set. Use saline 9g/L as zero point.

2. Instrument settings

GENERAL PARAMETERS					
Name	MAL	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	MAL				
R1 reagent volume	250	R2 reagent volume	40		
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	16	0	0	0	
DIL1	8	0	0	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	16.0	0	0	0
Std 1	*	16.0	0	0	0
Std 2	*	16.0	0	0	0
Std 3	*	16.0	0	0	0
Std 4	*	16.0	0	0	0
Std 5	*	16.0	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/L		Correlation factor	1.00	
Result decimal places	1		Intercept	0.00	

* standard value, see insert

3. Ordering information

102C002 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MAL/STD-001 Microalbumin Standard, 1 mL
 MAL/STS-5X1 Microalbumin Standard Set, 5 x 1 mL
 MAL/CON-001 Microalbumin Control, 1 mL
 MAL/COL-001 Microalbumin Control Low, 1 mL

APPLICATION NOTE ARCHITECT PREALBUMIN 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	PAL		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	PAL					
R1 reagent volume	220		R2 reagent volume	20		
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	1:10	
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

PAL/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL