

APPLICATION NOTE  
DIMENSION XL  
**COMPLEMENT C3 N-DIL**  
(AUT-KIT)

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: PEG4 Buffer, ready for use  
Second Reagent: C3 antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	** C3					
SAMPLE Time	0.0 sec					
SAMPLE Volume	3 µL					
SAMPLE Chase	10 µL					
SAMPLE Mix	GENTLE					
FIRST REAGENT (R1) Time	-60.0 sec					
FIRST REAGENT (R1) Component 1 (A)	340 µL					
FIRST REAGENT (R1) Chase	0 µL					
FIRST REAGENT (R1) Mix	NONE					
SECOND REAGENT Time	130.0 sec					
SECOND REAGENT Component 1 (B)	50 µL					
SECOND REAGENT Chase	20 µL					
SECOND REAGENT Mix	GENTLE					
PHOTOMETRY P1 Time	100.0 sec					
PHOTOMETRY P2 Time	400.0 sec					
CARTRIDGE CONFIG. Component	1	2	3	4	5	6
CARTRIDGE CONFIG. Number of Tests	(A) 11	(A) 11	(A) 11	(A) 11	(A) 11	(B) 55
CARTRIDGE CONFIG. Well Life	336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h					
CALIBRATION INTERVAL	2160 h					
STANDARD CURVE	Logit					
MEASUREMENT MODE	Turbidimetric					

**3. Order information**

C3C/AUT-000 1 x 10mL Antiserum  
5 x 25mL Buffer  
MPS/STS-5X1 Protein Standard Set, 5 x 1 mL  
139F003 Immunology Control Low, 1mL  
139F002 Immunology Control High, 1 mL

Method: C3  
Test Name: Complement C3  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 75 – 135  
Assay : 0 – 450  
Panic : - 500  
CALIBRATION  
CO 0  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD : ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.198  
FOD : ( \*\* )

\*Standard Values  
\*\*User defined

APPLICATION NOTE  
DIMENSION XL  
**COMPLEMENT C4 N-DIL**  
(AUT-KIT)

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: PEG4 Buffer, ready for use  
Second Reagent: C4 antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	** C4					
SAMPLE Time	0.0 sec					
SAMPLE Volume	7 µL					
SAMPLE Chase	10 µL					
SAMPLE Mix	GENTLE					
FIRST REAGENT (R1) Time	-60.0 sec					
FIRST REAGENT (R1) Component 1 (A)	340 µL					
FIRST REAGENT (R1) Chase	0 µL					
FIRST REAGENT (R1) Mix	NONE					
SECOND REAGENT Time	130.0 sec					
SECOND REAGENT Component 1 (B)	50 µL					
SECOND REAGENT Chase	20 µL					
SECOND REAGENT Mix	GENTLE					
PHOTOMETRY P1 Time	100.0 sec					
PHOTOMETRY P2 Time	400.0 sec					
CARTRIDGE CONFIG. Component	1	2	3	4	5	6
CARTRIDGE CONFIG. Number of Tests	A 11	A 11	A 11	A 11	A 11	B 55
CARTRIDGE CONFIG. Well Life	336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h					
CALIBRATION INTERVAL	2160 h					
STANDARD CURVE	Logit					
MEASUREMENT MODE	Turbidimetric					

**3. Order information**

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

Method: C4  
Test Name: Complement C4  
Decimal: 1  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 9.0 – 36.0  
Assay : 0 – 90.0  
Panic : - 100.  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340.0  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD : ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.198  
FOD : ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**CERULOPLASMIN N-DIL**  
(AUT-KIT)

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: PEG4 Buffer, ready for use  
Second Reagent: CER antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	** CER
SAMPLE Time	0.0 sec
SAMPLE Volume	3 µL
SAMPLE Chase	10 µL
SAMPLE Mix	GENTLE
FIRST REAGENT (R1) Time	-60.0 sec
FIRST REAGENT (R1) Component 1 (A)	340 µL
FIRST REAGENT (R1) Chase	0 µL
FIRST REAGENT (R1) Mix	NONE
SECOND REAGENT Time	130.0 sec
SECOND REAGENT Component 1 (B)	50 µL
SECOND REAGENT Chase	20 µL
SECOND REAGENT Mix	GENTLE
PHOTOMETRY P1 Time	100.0 sec
PHOTOMETRY P2 Time	400.0 sec
CARTRIDGE CONFIG. Component	1 2 3 4 5 6 A A A A A B
CARTRIDGE CONFIG. Number of Tests	11 11 11 11 11 55
CARTRIDGE CONFIG. Well Life	336 336 336 336 336 336
REAG. CARTRIDGE LIFE	720 h
CALIBRATION INTERVAL	2160 h
STANDARD CURVE	Logit
MEASUREMENT MODE	Turbidimetric

**3. Order information**

CER/AUT-000 1 x 10 mL Antiserum  
5 x 25 mL Buffer  
MPS/STS-5X1 Protein Standard Set, 5x1 mL  
139F003 Immunology Control Low, 1mL  
139F002 Immunology Control High, 1 mL

Method: CER  
Test Name: Ceruloplasmin  
Decimal: 1  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 22.0 – 61.0  
Assay : 0.0 – 120.0  
Panic : - 130.0  
CALIBRATION  
CO 0.0  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD : ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.198  
FOD : ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**CRP N-DIL**  
(AUT-KIT)

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: CRP-Buffer, ready for use  
Second Reagent: CRP-antiserum, ready for use  
Calibrator: ready for use

**2. Instrument setting**

CHANNEL Name	** CRP
SAMPLE Time	0.0 sec
SAMPLE Volume	20 µL
SAMPLE Chase	10 µL
SAMPLE Mix	GENTLE
FIRST REAGENT Time	-60.0 sec
FIRST REAGENT Component 1 (A)	330 µL
FIRST REAGENT Chase	0 µL
FIRST REAGENT Mix	NONE
SECOND REAGENT Time	130.0 sec
SECOND REAGENT Component 1 (B)	35 µL
SECOND REAGENT Chase	20 µL
SECOND REAGENT Mix	GENTLE
PHOTOMETRY P1 Time	100.0 sec
PHOTOMETRY P2 Time	400.0 sec
CARTRIDGE CONFIG. Component	1 2 3 4 5 6 (A) (A) (A) (A) (A) (B)
CARTRIDGE CONFIG. Number of Tests	11 11 11 11 11 55
CARTRIDGE CONFIG. Well Life	336 336 336 336 336 336
REAG. CARTRIDGE LIFE	720 (h)
CALIBRATION INTERVAL	2160 (h)
STANDARD CURVE	Logit
MEASUREMENT MODE	Turbidimetric

**3. Order information**

CRP/AUT-000 1 x 10 mL Antiserum  
5 x 25 mL Buffer  
CRP/STS-5X1 CRP Standard Set, 5 x 1 mL  
CRP/COL-001 CRP Control Low, 1 mL  
CRP/COH-001 CRP Control High, 1 mL  
139F003 Immunology Control Low, 1mL  
139F002 Immunology Control High, 1 mL

Method: CRP  
Test Name: CRP  
Decimal: 2  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 0.00 – 1.00  
Assay : 0.00 – 22.00  
Panic : - 22.0  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD : ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.152  
FOD : ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**RF LATEX N-DIL (AUT-KIT)**

**1. Reagent preparation**

Sample: Ready for use. Sera above 200 IU/mL should be rerun after manual dilution.

First Reagent: RF Buffer, ready for use

Second Reagent: RF Latex, ready for use

Calibrator: Set up a calibration curve by successive 1:2 dilutions of the RF Standard High in saline. Use saline as zero point.

**2. Instrument setting**

CHANNEL Name	**					
	RF					
SAMPLE Time	0.0 sec					
Volume	2 µL					
Chase	10 µL					
Mix	GENTLE					
FIRST REAGENT Time	-60.0 sec					
Component 1 (A)	350 µL					
Chase	0 µL					
Mix	NONE					
SECOND REAGENT Time	130.0 sec					
Component 1 (B)	30 µL					
Chase	20 µL					
Mix	GENTLE					
PHOTOMETRY P1 Time	100.0					
P2 Time	400.0					
REAGENT CARTRIDGE	1	2	3	4	5	6
Component	(A)	(A)	(A)	(A)	(A)	(B)
Aliquots	11	11	11	11	11	55
Well Life	336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 (h)					
CALIBRATION INTERVAL	2160 (h)					
STANDARD CURVE	Logit					
MEASUREMENT MODE	Turbidimetric					

**3. Order information**

RF2/AUT-000 1 x 10 mL Latex

5 x 25 mL Buffer

RHF/STH-001 RF Standard High, 1 mL

RHF/CON-001 RF Control, 1 mL

Method: RF  
Test Name: RF  
Decimal: 0  
Units: IU/mL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 0 – 50  
Assay : 0 – 200  
Panic : - 20  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*

PREDEFINED CALC.  
TEMPLATE :  
Mode : End Point  
Measuring filter : 600 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.00  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.138  
FOD ( \*\* )

\* Standard Values

\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**HAPTOGLOBIN N-DIL (AUT-KIT)**

**1. Reagent preparation**

Sample: Ready for use

First Reagent: PEG4 Buffer, ready for use

Second Reagent: Haptoglobin antiserum, ready for use

Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	**					
	HAP					
SAMPLE Time	0.0 sec					
Volume	2 µL					
Chase	10 µL					
Mix	GENTLE					
FIRST REAGENT (R1) Time	-60.0 sec					
Component 1 (A)	340 µL					
Chase	0 µL					
Mix	NONE					
SECOND REAGENT Time	130.0 sec					
Component 1 (B)	50 µL					
Chase	20 µL					
Mix	GENTLE					
PHOTOMETRY P1 Time	100 sec					
P2 Time	400 sec					
CARTRIDGE CONFIG.	1	2	3	4	5	6
Component	(A)	(A)	(A)	(A)	(A)	(B)
Number of Tests	11	11	11	11	11	55
Well Life	336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h					
CALIBRATION INTERVAL	2160 h					
STANDARD CURVE	Logit					
MEASUREMENT MODE	Turbidimetric					

**3. Order 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

Method: HAP  
Test Name: Haptoglobin  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 32 – 205  
Assay : 0 – 500  
Panic : - 500  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC.  
TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.198  
FOD ( \*\* )

\* Standard Value

\*\* User defined

**APPLICATION NOTE**  
**DIMENSION XL**  
**IgA 2<sup>nd</sup> Generation KIT**

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: Buffer, ready for use  
Second Reagent: Antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	** IGA
SAMPLE Time	0.0 sec
Volume	2 µL
Chase	10 µL
Mix	GENTLE
FIRST REAGENT (R1) Time	-60.0 sec
Component 1 (A)	350 µL
Chase	0 µL
Mix	NONE
SECOND REAGENT Time	130.0 sec
Component 1 (B)	60 µL
Chase	20µL
Mix	GENTLE
PHOTOMETRY P1 Time	100 sec
P2 Time	400 sec
CARTRIDGE CONFIG.	
Component	1 2 3 4 5 6
Number of Tests	(A) (A) (A) (A) (A) (B)
Well Life	11 11 11 11 11 55
REAG. CARTRIDGE LIFE	336 336 336 336 336 336
CALIBRATION INTERVAL	720 h
STANDARD CURVE	2160 h
MEASUREMENT MODE	Logit Turbidimetric

**3. Order 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

Method: IGA  
Test Name: IgA  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 70 – 406  
Assay : 0 – 650  
Panic : - 650  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.220  
FOD ( \*\* )

\* Standard Values  
\*\* User defined

**APPLICATION NOTE**  
**DIMENSION XL**  
**IgG 2<sup>nd</sup> Generation (SEL – KIT)**

**1. Reagent preparation**

Sample: Dilute 1:10 in NaCl 9 g/L.  
First Reagent: Buffer, ready for use  
Second Reagent: IgG antiserum, ready for use  
Calibrator: Dilute Protein std high 1:10, 1:20, 1:40, 1:80 and 1:160 to set up a calibration curve. Use NaCl 9 g/L as zero point.

**2. Instrument setting**

CHANNEL Name	** IGG 2 <sup>ND</sup> GEN
SAMPLE Time	0.0 sec
Volume	5 µL
Chase	10 µL
Mix	GENTLE
FIRST REAGENT (R1) Time	-60.0 sec
Component 1 (A)	340 µL
Chase	0 µL
Mix	NONE
SECOND REAGENT Time	130.0 sec
Component 1 (B)	34 µL
Chase	20 µL
Mix	GENTLE
PHOTOMETRY P1 Time	100.0 sec
P2 Time	400.0 sec
CARTRIDGE CONFIG.	
Component	1 2 3 4 5 6
Number of Tests	(A) (A) (A) (A) (A) (B)
Well Life	11 11 11 11 11 111
REAG. CARTRIDGE LIFE	336 336 336 336 336 336
CALIBRATION INTERVAL	720 h
STANDARD CURVE	2160 h
MEASUREMENT MODE	Logit Turbidimetric

**3. Order information**

105C003 1 x 10 mL Antiserum  
5 x 25 mL Buffer  
MPS/STH-001 Protein Standard High, 1 mL  
139F003 Immunology Control Low, 1mL  
139F002 Immunology Control High, 1 mL

Method: IGG 2<sup>ND</sup> GEN  
Test Name: IgG  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 680 – 1445  
Assay : 0 – 2800  
Panic - 2800  
CALIBRATION  
CO 0  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.044  
FOD ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**IgG N-DIL (AUT-KIT)**

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: IgG Buffer, ready for use  
Second Reagent: IgG antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	**						
	IGG						
SAMPLE							
Time	0.0 sec						
Volume	2 µL						
Chase	10 µL						
Mix	GENTLE						
FIRST REAGENT (R1)							
Time	-60.0 sec						
Component 1 (A)	340 µL						
Chase	0 µL						
Mix	NONE						
SECOND REAGENT							
Time	130.0 sec						
Component 1 (B)	75 µL						
Chase	20 µL						
Mix	GENTLE						
PHOTOMETRY							
P1 Time	100.0 sec						
P2 Time	400.0 sec						
CARTRIDGE CONFIG.		1	2	3	4	5	6
Component		(A)	(A)	(A)	(A)	(A)	(B)
Number of Tests		11	11	11	11	11	55
Well Life		336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h						
CALIBRATION INTERVAL	2160 h						
STANDARD CURVE	Logit						
MEASUREMENT MODE	Turbidimetic						

**3. Order information**

IGG/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

Method: IGG  
Test Name: IgG  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 680 – 1445  
Assay : 0 – 2800  
Panic - 2800  
CALIBRATION  
CO 0  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED  
CALC.TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.269  
FOD ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**IgG**  
**N-DIL (LOW-KIT)**  
**URINE, CSF**

**1. Reagent preparation**

Sample: Ready for use.  
First Reagent: Buffer, ready for use.  
Second Reagent: Antiserum, ready for use.  
Calibrator: Ready for use.

**2. Instrument setting**

CHANNEL Name	**						
	IGG						
SAMPLE							
Time	0.0 sec						
Volume	25 µL						
Chase	10 µL						
Mix	GENTLE						
FIRST REAGENT (R1)							
Time	-60.0 sec						
Component 1 (A)	360 µL						
Chase	10 µL						
Mix	NONE						
SECOND REAGENT							
Time	130.0 sec						
Component 1 (B)	75 µL						
Chase	10 µL						
Mix	GENTLE						
PHOTOMETRY							
P1 Time	100.0 sec						
P2 Time	400.0 sec						
CARTRIDGE CONFIG.		1	2	3	4	5	6
Component		(A)	(A)	(A)	(A)	(A)	(B)
Number of Tests		10	10	10	10	10	53
Well Life		336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h						
CALIBRATION INTERVAL	2160 h						
STANDARD CURVE	Logit						
MEASUREMENT MODE	Turbidimetic						

**3. Order information**

IGG/LOW-000 1 x 5 mL Antiserum  
2 x 25 mL Buffer  
MPP/STD-001 Pediatric Standard, 1 mL  
MPP/CON-001 Pediatric Control, 1 mL

Method: IGG  
Test Name: IgG  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 15 – 75  
Assay : 0 – 300  
Panic - 300  
CALIBRATION  
CO 0  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED  
CALC.TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.094  
FOD ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**IgM 2<sup>nd</sup> Generation KIT**

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: Buffer, ready for use  
Second Reagent: Antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	** IGM																								
SAMPLE Time Volume Chase Mix	0.0 sec 2 µL 10 µL GENTLE																								
FIRST REAGENT (R1) Time Component 1 (A) Chase Mix	-60.0 sec 340 µL 0 µL NONE																								
SECOND REAGENT Time Component 1 (B) Chase Mix	130.0 sec 40 µL 20 µL GENTLE																								
PHOTOMETRY P1 Time P2 Time	100 sec 400 sec																								
CARTRIDGE CONFIG. Component Number of Tests Well Life	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>B</td> </tr> <tr> <td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>55</td> </tr> <tr> <td>336</td><td>336</td><td>336</td><td>336</td><td>336</td><td>336</td> </tr> </table>	1	2	3	4	5	6	A	A	A	A	A	B	11	11	11	11	11	55	336	336	336	336	336	336
1	2	3	4	5	6																				
A	A	A	A	A	B																				
11	11	11	11	11	55																				
336	336	336	336	336	336																				
REAG. CARTRIDGE LIFE CALIBRATION INTERVAL STANDARD CURVE MEASUREMENT MODE	720 h 2160 h Logit Turbidimetric																								

**3. Order 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

Method: IGM  
Test Name: IgM  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 33 – 250  
Assay : 0 – 500  
Panic : - 500  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC.  
TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.170  
FOD ( \*\* )

\* Standard Values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**MICROALBUMIN  
2<sup>ND</sup> GENERATION**

**1. Reagent preparation**

Sample: Centrifuged urine  
First Reagent: Buffer, ready for use  
Second Reagent: Antiserum, ready for use  
Calibrator: Dilute the Microalbumin Standard successively 1:2 in 0.9% NaCl to set up a calibration curve. Use 0.9% NaCl as zero point

**2. Instrument setting**

CHANNEL Name	** MAL-2																								
SAMPLE Time Volume Chase Mix	0.0 sec 25 µL 10 µL GENTLE																								
FIRST REAGENT Time Component 1 Chase Mix	-60.0 sec (A) 350 µL 0 µL NONE																								
SECOND REAGENT Time Component 1 Chase Mix	130.0 sec (B) 60 µL 20 µL GENTLE																								
PHOTOMETRY P1 Time P2 Time	100.0 400.0																								
REAGENT CARTRIDGE Well Component Aliquots Life	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>(A)</td><td>(A)</td><td>(A)</td><td>(A)</td><td>(A)</td><td>(B)</td> </tr> <tr> <td>10</td><td>10</td><td>10</td><td>10</td><td>10</td><td>63</td> </tr> <tr> <td>336</td><td>336</td><td>336</td><td>336</td><td>336</td><td>336</td> </tr> </table>	1	2	3	4	5	6	(A)	(A)	(A)	(A)	(A)	(B)	10	10	10	10	10	63	336	336	336	336	336	336
1	2	3	4	5	6																				
(A)	(A)	(A)	(A)	(A)	(B)																				
10	10	10	10	10	63																				
336	336	336	336	336	336																				
REAGENT CARTRIDGE LIFE CALIBRATION INTERVAL STANDARD CURVE MEASUREMENT MODE	720 (h) 2160 (h) Logit Turbidimetric																								

**3. Order information**

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

Method: MAL  
Test Name: Microalbumin  
Decimal: 1  
Units: mg/L  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 0.0 – 25.0  
Assay : 0.0 – 400.0  
Panic : - 400.0  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC.  
TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.160  
FOD ( \*\* )

\* Standard values  
\*\* User defined

APPLICATION NOTE  
DIMENSION XL  
**TRANSFERRIN N-DIL**  
(AUT-KIT)

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: TRF Buffer, ready for use  
Second Reagent: TRF antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	**					
	TRF					
SAMPLE						
Time	0.0 sec					
Volume	3 µL					
Chase	10 µL					
Mix	GENTLE					
FIRST REAGENT (R1)						
Time	-60.0 sec					
Component 1 (A)	340 µL					
Chase	0 µL					
Mix	NONE					
SECOND REAGENT						
Time	130.0 sec					
Component 1 (B)	30 µL					
Chase	20 µL					
Mix	GENTLE					
PHOTOMETRY						
P1 Time	100 sec					
P2 Time	400 sec					
CARTRIDGE CONFIG.	1	2	3	4	5	6
Component	(A)	(A)	(A)	(A)	(A)	(B)
Number of Tests	11	11	11	11	11	55
Well Life	336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h					
CALIBRATION INTERVAL	2160 h					
STANDARD CURVE	Logit					
MEASUREMENT MODE	Turbidimetric					

Method: TRF  
Test Name: Transferrin  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 170 – 330  
Assay : 0 – 500  
Panic : - 500  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC.  
TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.141  
FOD ( \*\* )

\* Standard Values  
\*\* User defined

**3. Order information**

TRF/AUT-000 1 x 10mL Antiserum  
5 x 25mL Buffer  
TRF/STS-5X1 Transferrin Standard Set, 5x1 mL  
139F003 Immunology Control Low, 1mL  
139F002 Immunology Control High, 1 mL

APPLICATION NOTE  
DIMENSION XL  
**α1-ANTITRYPSIN N-DIL**  
(AUT-KIT)

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: PEG4 Buffer, ready for use  
Second Reagent: AAT antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	**					
	AAT					
SAMPLE						
Time	0.0 sec					
Volume	2 µL					
Chase	10 µL					
Mix	GENTLE					
FIRST REAGENT (R1)						
Time	- 60.0 sec					
Component 1 (A)	350 µL					
Chase	0 µL					
Mix	NONE					
SECOND REAGENT						
Time	130.0 sec					
Component 1 (B)	70 µL					
Chase	0 µL					
Mix	GENTLE					
PHOTOMETRY						
P1 Time	100 sec					
P2 Time	400 sec					
CARTRIDGE CONFIG.	1	2	3	4	5	6
Component	(A)	(A)	(A)	(A)	(A)	(B)
Number of Tests	11	11	11	11	11	55
Well Life	336	336	336	336	336	336
REAG. CARTRIDGE LIFE	720 h					
CALIBRATION INTERVAL	2160 h					
STANDARD CURVE	Logit					
MEASUREMENT MODE	Turbidimetric					

Method: AAT  
Test Name: α1-Antitrypsin  
Decimal: 0  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 89 – 205  
Assay : 0 – 500  
Panic : - 530  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC.  
TEMPLATE :  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD : ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.248  
FOD : ( \*\* )

**3. Order information**

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

\*Standard Values  
\*\*User defined

APPLICATION NOTE  
DIMENSION XL  
**α1-ACID GLYCOPROTEIN N-DIL  
(AUT-KIT)**

**1. Reagent preparation**

Sample: Ready for use  
First Reagent: PEG6 Buffer, ready for use  
Second Reagent: AGP antiserum, ready for use  
Calibrator: Ready for use

**2. Instrument setting**

CHANNEL Name	** AGP																								
SAMPLE Time Volume Chase Mix	0.0 sec 2 µL 10 µL GENTLE																								
FIRST REAGENT (R1) Time Component 1 (A) Chase Mix	- 60.0 sec 340 µL 0 µL NONE																								
SECOND REAGENT Time Component 1 (B) Chase Mix	130.0 sec 50 µL 20 µL GENTLE																								
PHOTOMETRY P1 Time P2 Time	100 sec 400 sec																								
CARTRIDGE CONFIG. Component Number of Tests Well Life	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>(A)</td><td>(A)</td><td>(A)</td><td>(A)</td><td>(A)</td><td>(B)</td> </tr> <tr> <td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>55</td> </tr> <tr> <td>336</td><td>336</td><td>336</td><td>336</td><td>336</td><td>336</td> </tr> </table>	1	2	3	4	5	6	(A)	(A)	(A)	(A)	(A)	(B)	11	11	11	11	11	55	336	336	336	336	336	336
1	2	3	4	5	6																				
(A)	(A)	(A)	(A)	(A)	(B)																				
11	11	11	11	11	55																				
336	336	336	336	336	336																				
REAG. CARTRIDGE LIFE CALIBRATION INTERVAL STANDARD CURVE MEASUREMENT MODE	720 h 2160 h Logit Turbidimetric																								

**3. Order information**

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

Method: AGP  
Test Name: α1-Acid Glycoprotein  
Decimal: 1  
Units: mg/dL  
Calculation Type: Logit  
Automatic Dil. Vol.: None  
INTERVALS :  
Reference : 40.0 – 130.0  
Assay : 0.0 – 300.0  
Panic : - 350.0  
CALIBRATION  
CO 0.00  
C1 \*  
C2 \*  
C3 \*  
C4 \*  
C5 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 340 nm  
Blanking filter : None  
P1 Time : 100 secs  
Dilution : 1.000  
IOD : ( \*\* )  
P2 Time : 400 secs  
Dilution : 1.199  
FOD : ( \*\* )

\*Standard Values  
\*\*User defined

APPLICATION NOTE  
DIMENSION XL  
**ASL LATEX N-DIL (AUT-KIT)**

**1. Reagent preparation**

Sample: Ready for use. Sera above 400 IU/mL should be rerun after manual dilution  
First Reagent: PEG4-Buffer, ready for use  
Second Reagent: ASL-Latex, ready for use  
Calibrator: ASL Standard High, ready for use

**2. Instrument setting**

CHANNEL Name	** ASL																								
SAMPLE Time Volume Chase Mix	0.0 sec 4 µL 10 µL GENTLE																								
FIRST REAGENT Time Component 1 (A) Chase Mix	-60.0 sec 340 µL 0 µL NONE																								
SECOND REAGENT Time Component 1 (B) Chase Mix	130.0 sec 65 µL 20 µL GENTLE																								
PHOTOMETRY P1 Time P2 Time	100.0 400.0																								
REAGENT CARTRIDGE Component Aliquots Well Life	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>(A)</td><td>(A)</td><td>(A)</td><td>(A)</td><td>(A)</td><td>(B)</td> </tr> <tr> <td>11</td><td>11</td><td>11</td><td>11</td><td>11</td><td>55</td> </tr> <tr> <td>336</td><td>336</td><td>336</td><td>336</td><td>336</td><td>336</td> </tr> </table>	1	2	3	4	5	6	(A)	(A)	(A)	(A)	(A)	(B)	11	11	11	11	11	55	336	336	336	336	336	336
1	2	3	4	5	6																				
(A)	(A)	(A)	(A)	(A)	(B)																				
11	11	11	11	11	55																				
336	336	336	336	336	336																				
REAG. CARTRIDGE LIFE CALIBRATION INTERVAL STANDARD CURVE MEASUREMENT MODE	720 (h) 2160 (h) Linear Turbidimetric																								

**3. Order information**

ASL/AUT-000 1 x 10 mL Latex  
5 x 25 mL Buffer  
ASL/STH-001 ASL Standard High, 1 mL  
ASL/CON-001 ASL Control, 1 mL  
139F003 Immunology Control Low, 1mL  
139F002 Immunology Control High, 1 mL

Method: ASL  
Test Name: ASL  
Decimal: 0  
Units: IU/mL  
Calculation Type: Linear  
Automatic Dil. Vol.: NONE  
INTERVALS :  
Reference : 0 – 200  
Assay : 0 – 400  
Panic : - 400  
CALIBRATION  
CO 0  
C1 \*

PREDEFINED CALC. TEMPLATE :  
Mode : End Point  
Measuring filter : 600 nm  
Blanking filter : None  
P1 Time : 100 sec  
Dilution : 1.000  
IOD ( \*\* )  
P2 Time : 400 sec  
Dilution : 1.240  
FOD ( \*\* )

\* Standard Values  
\*\* User defined