

APPLICATION NOTE

HITACHI 912

α 1-ANTITRYPSIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	AAT α 1-Antitrypsin **	Test Selection	AAT AAT **
Test name		Test name	
Application code		Application code	
Cycle analyser	10 sec	Full name	α 1-Antitrypsin
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	2-0-0	a	1
Decreased	20-5-80	b	0
Increased	10-0-0	Normal values	
Reagent		Man	89 – 205
R1	350-0-**-*	Woman	89 – 205
R2	0-0-**-*	Qualitive	
R3	70-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 450
		Test limit	
Test Selection	AAT	Test Selection	AAT
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	2 2 2 2 2 2
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

AAT/AUT-000 1x10 mL Antiserum
 5x25 mL Buffer
 MPS/STH-001 Protein standard high, 1 mL
 MPS/STS-5X1 Protein standard set, 5x1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE

HITACHI 912

α1-ACID GLYCOPROTEIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	AGP α1-Acid Glycoprotein **	Test Selection	AGP AGP **
Test name	α1-Acid Glycoprotein	Test name	AGP
Application code	**	Application code	**
Cycle analyser	10 sec	Full name	α1-Acid Glycoprotein
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	2-0-0	a	1
Decreased	20-5-80	b	0
Increased	10-0-0	Normal values	
Reagent		Man	50 – 130
R1	290-0-**-*	Woman	40 – 120
R2	0-0-**-*	Qualitive	
R3	40-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 265
		Test limit	
Test Selection	AGP	Test Selection	AGP
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	2 2 2 2 2 2
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

AGP/AUT-000 1x10 mL Antiserum
 5x25 mL Buffer
 MPS/STH-001 Protein standard high, 1 mL
 MPS/STS-5X1 Protein standard set, 5x1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE

HITACHI 912

Complement C3 N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	C3C Complement C3 **	Test Selection	C3C C3C **
Test name	Complement C3	Test name	C3C
Application code	**	Application code	**
Cycle analyser	10 sec	Full name	Complement C3
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	3-0-0	a	1
Decreased	20-3-80	b	0
Increased	6-0-0	Normal values	
Reagent		Man	75 – 135
R1	250-0-**-*	Woman	75 – 135
R2	0-0-**-*	Qualitive	
R3	40-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 - 400
		Test limit	
Test Selection	C3C	Test Selection	C3C
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	3 3 3 3 3 3
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

C3C/AUT-000 1x10 mL Antiserum
 5x25 mL Buffer
 MPS/STH-001 Protein standard high, 1 mL
 MPS/STS-5X1 Protein standard Set, 5x1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE

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Complement C4 N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	C4C Complement C4 **	Test Selection	C4C C4C **
Test name		Test name	
Application code		Application code	
Cycle analyser	10 sec	Full name	Complement C4
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	4-0-0	a	1
Decreased	2-0-0	b	0
Increased	8-0-0	Normal values	
Reagent		Man	9 – 36
R1	250-0-**-*	Woman	9 – 36
R2	0-0-**-*	Qualitive	
R3	40-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 120
		Test limit	
Test Selection	C4C	Test Selection	C4C
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	4 4 4 4 4 4
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

C4C/AUT-000 1x10 mL Antiserum
 5x25 mL Buffer
 MPS/STH-001 Protein standard high, 1 mL
 MPS/STS-5X1 Protein standard Set, 5x1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE

HITACHI 912

CERULOPLASMIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	CER Ceruloplasmin **	Test Selection	CER CER **
Test name		Test name	
Application code		Application code	
Cycle analyser	10 sec	Full name	Ceruloplasmin
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	2-0-0	a	1
Decreased	20-5-80	b	0
Increased	10-0-0	Normal values	
Reagent		Man	20 – 50
R1	220-0-**-*	Woman	20 – 50
R2	0-0-**-*	Qualitive	
R3	30-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 100
		Test limit	
Test Selection	CER	Test Selection	CER
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	2 2 2 2 2 2
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

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

APPLICATION NOTE

HITACHI 912

C-REACTIVE PROTEIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the CRP standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use CRP standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	CRP C-Reactive Protein **	Test Selection	CRP CRP **
Test name		Test name	
Application code		Application code	
Cycle analyser	10 sec	Full name	C-Reactive Protein
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	16-0-0	a	1
Decreased	8-0-0	b	0
Increased	32-0-0	Normal values	
Reagent		Man	0 – 1
R1	220-0-**-*	Woman	0 – 1
R2	0-0-**-*	Qualitive	
R3	25-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 22
		Test limit	
Test Selection	CRP Logit-log (4p)	Test Selection	CRP
Calibration type			
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	16 16 16 16 16 16
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

CRP/AUT-000 1x10 mL Antiserum
 5x25 mL Buffer
 CRP/STH-001 CRP standard high, 1 mL
 CRP/STS-5X1 CRP standard set, 5x1 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, 1mL

APPLICATION NOTE

HITACHI 912

HAPTOGLOBIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	HAP Haptoglobin **	Test Selection	HAP HAP **
Test name	Haptoglobin	Test name	HAP
Application code	**	Application code	**
Cycle analyser	10 sec	Full name	Haptoglobin
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	2-0-0	a	1
Decreased	20-5-80	b	0
Increased	10-0-0	Normal values	
Reagent		Man	32 – 205
R1	280-0-**-*	Woman	32 – 205
R2	0-0-**-*	Qualitive	
R3	40-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 400
		Test limit	
Test Selection	HAP	Test Selection	HAP
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	2 2 2 2 2 2
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

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

APPLICATION NOTE

HITACHI 912

IGA KIT

2nd GENERATION

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection Test name Application code Cycle analyser Diluent Code/Tps/Point Wavelength/Main Sample volume Normal Decreased Increased Reagent R1 R2 R3 R4 D.O. Limit Prozone limit	IGA2 Immunoglobulin A ** 10 sec 301-99 2 point end-10-15-31-0-0 340 2-0-0 20-5-80 10-0-0 350-0-**-* 0-0-**-* 60-0-**-* 0-0-**-* 0-0-increase 3200-0-upper	Test Selection Test name Application code Full name Interval Control Unit Mode Instrument factor (y=ax+b) a b Normal values Man Woman Qualitative 1 2 3 4 5 6 Test limit Test limit	IGA2 IGA2 ** immunoglobulin A 2 * mg/dL Actif 1 0 83 – 406 70 – 374 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 – 650																																																								
Test Selection Calibration type Point Point span Pon AUTO CALIBRATION Change Bottle DS limit Duplication limit Sensibility limit D.O. limit standard 1	IGA2 Logit-log (4p) 6 0 0 Blanc Blanc 999.9 500 -99999 99999 -32000 32000	Test Selection <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 10%;">IGA2</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Standard</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>Calibrator code</td> <td>H2O</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Concentration</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Position</td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Sample volume</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Sample vol Dil</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Diluent volume</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>		IGA2						Standard	1	2	3	4	5	6	Calibrator code	H2O	*	*	*	*	*	Concentration	0	*	*	*	*	*	Position		*	*	*	*	*	Sample volume	2	2	2	2	2	2	Sample vol Dil	0	0	0	0	0	0	Diluent volume	0	0	0	0	0	0	
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Standard	1	2	3	4	5	6																																																					
Calibrator code	H2O	*	*	*	*	*																																																					
Concentration	0	*	*	*	*	*																																																					
Position		*	*	*	*	*																																																					
Sample volume	2	2	2	2	2	2																																																					
Sample vol Dil	0	0	0	0	0	0																																																					
Diluent volume	0	0	0	0	0	0																																																					

*Data entered by operator

**Code

3. Order information

104C002 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
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE

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IGG N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection	IGG Immunoglobulin G **	Test Selection	IGG IGG **
Test name	Immunoglobulin G	Test name	IGG
Application code	**	Application code	**
Cycle analyser	10 sec	Full name	Immunoglobulin G
Diluent	301-99	Interval Control	*
Code/Tps/Point	2 point end-10-15-31-0-0	Unit	mg/dL
Wavelength/Main	340	Mode	Actif
Sample volume		Instrument factor (y=ax+b)	
Normal	2-0-0	a	1
Decreased	20-5-80	b	0
Increased	10-0-0	Normal values	
Reagent		Man	680 – 1445
R1	330-0-**-*	Woman	680 – 1445
R2	0-0-**-*	Qualitive	
R3	75-0-**-*	1	0.0
R4	0-0-**-*	2	0.0
D.O. Limit	0-0-increase	3	0.0
Prozone limit	3200-0-upper	4	0.0
		5	0.0
		6	0.0
		Test limit	0 – 2785
		Test limit	
Test Selection	IGG	Test Selection	IGG
Calibration type	Logit-log (4p)		
Point	6		
Point span	0	Standard	1 2 3 4 5 6
Pon	0	Calibrator code	H2O * * * * *
AUTO CALIBRATION		Concentration	0 * * * * *
Change		Position	* * * * *
Bottle	Blanc		
DS limit	Blanc	Sample volume	2 2 2 2 2 2
Duplication limit	999.9	Sample vol Dil	0 0 0 0 0 0
Sensibility limit	500	Diluent volume	0 0 0 0 0 0
D.O. limit standard 1	-99999 99999		
	-32000 32000		

*Data entered by operator

**Code

3. Order information

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

APPLICATION NOTE

HITACHI 912

IGM KIT

2nd GENERATION

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection Test name Application code Cycle analyser Diluent Code/Tps/Point Wavelength/Main Sample volume Normal Decreased Increased Reagent R1 R2 R3 R4 D.O. Limit Prozone limit	IGM2 Immunoglobulin M ** 10 sec 301-99 2 point end-10-15-31-0-0 340 2-0-0 20-5-80 10-0-0 330-0-**-* 0-0-**-* 40-0-**-* 0-0-**-* 0-0-increase 3200-0-upper	Test Selection Test name Application code Full name Interval Control Unit Mode Instrument factor (y=ax+b) a b Normal values Man Woman Qualitative 1 2 3 4 5 6 Test limit Test limit	IGM2 IGM2 ** Immunoglobulin M 2 * mg/dL Actif 1 0 33 – 214 40 – 374 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 – 460																																																																					
Test Selection Calibration type Point Point span Pon AUTO CALIBRATION Change Bottle DS limit Duplication limit Sensibility limit D.O. limit standard 1	IGM2 Logit-log (4p) 6 0 0 Blanc Blanc 999.9 500 -99999 99999 -32000 32000	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Test Selection</td> <td style="width: 10%;">IGM2</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Standard</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td></td> </tr> <tr> <td>Calibrator code</td> <td>H2O</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td></td> </tr> <tr> <td>Concentration</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td></td> </tr> <tr> <td>Position</td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td></td> </tr> <tr> <td>Sample volume</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td></td> </tr> <tr> <td>Sample vol Dil</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>Diluent volume</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> </table>							Test Selection	IGM2							Standard	1	2	3	4	5	6		Calibrator code	H2O	*	*	*	*	*		Concentration	0	*	*	*	*	*		Position		*	*	*	*	*		Sample volume	2	2	2	2	2	2		Sample vol Dil	0	0	0	0	0	0		Diluent volume	0	0	0	0	0	0	
Test Selection	IGM2																																																																							
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Concentration	0	*	*	*	*	*																																																																		
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Sample vol Dil	0	0	0	0	0	0																																																																		
Diluent volume	0	0	0	0	0	0																																																																		

*Data entered by operator

**Code

3. Order information

106C002 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
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE

HITACHI 912

MICROALBUMIN

2ND GENERATION

1. Reagent preparation

Sample: Centrifuged urine, ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: MAL standard, ready for use. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection Test name Application code Cycle analyser Diluent Code/Tps/Point Wavelength/Main Sample volume Normal Decreased Increased Reagent R1 R2 R3 R4 D.O. Limit Prozone limit	MAL MAL ** 10 sec 301-99 2 point end-10-15-31-0-0 340 16-0-0 8-0-0 32-0-0 250-0-**-* 0-0-**-* 40-0-**-* 0-0-**-* 0-0-increase 3200-0-upper	Test Selection Test name Application code Full name Interval Control Unit Mode Instrument factor (y=ax+b) a b Normal values Man Woman Qualitive 1 2 3 4 5 6 Test limit Test limit	MAL MAL ** MAL * mg/L Actif 1 0 0 – 25 0 – 25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 – 400																																																								
Test Selection Calibration type Point Point span Pon AUTO CALIBRATION Change Bottle DS limit Duplication limit Sensibility limit D.O. limit standard 1	MAL Logit-log (4p) 6 0 0 Blanc Blanc 999.9 500 -99999 99999 -32000 32000	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Test Selection</td> <td>MAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Standard</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>Calibrator code</td> <td>H2O</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Concentration</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Position</td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Sample volume</td> <td>16</td> <td>20</td> <td>2</td> <td>4</td> <td>8</td> <td>16</td> </tr> <tr> <td>Sample vol Dil</td> <td>0</td> <td>10</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Diluent volume</td> <td>0</td> <td>180</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>	Test Selection	MAL						Standard	1	2	3	4	5	6	Calibrator code	H2O	*	*	*	*	*	Concentration	0	*	*	*	*	*	Position		*	*	*	*	*	Sample volume	16	20	2	4	8	16	Sample vol Dil	0	10	0	0	0	0	Diluent volume	0	180	0	0	0	0	
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Sample vol Dil	0	10	0	0	0	0																																																					
Diluent volume	0	180	0	0	0	0																																																					

*Data entered by operator

**Code

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
 MAL/COL-001 Microalbumin Control Low, 1 mL

APPLICATION NOTE

HITACHI 912

PREALBUMIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Dilute the protein standard high successively 1:2 in NaCl 9 g/L to set up a calibration curve, alternatively use the ready for use protein standard set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection Test name Application code Cycle analyser Diluent Code/Tps/Point Wavelength/Main Sample volume Normal Decreased Increased Reagent R1 R2 R3 R4 D.O. Limit Prozone limit	PAL Prealbumin ** 10 sec 301-99 2 point end-10-15-31-0-0 340 2-0-0 20-5-80 10-0-0 220-0-**-* 0-0-**-* 20-0-**-* 0-0-**-* 0-0-increase 3200-0-upper	Test Selection Test name Application code Full name Interval Control Unit Mode Instrument factor (y=ax+b) a b Normal values Man Woman Qualitive 1 2 3 4 5 6 Test limit Test limit	PAL PAL ** Prealbumin * mg/dL Actif 1 0 21 – 41 21 – 41 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0 – 100																																																								
Test Selection Calibration type Point Point span Pon AUTO CALIBRATION Change Bottle DS limit Duplication limit Sensibility limit D.O. limit standard 1	PAL Logit-log (4p) 6 0 0 Blanc Blanc 999.9 500 -99999 99999 -32000 32000	Test Selection	<table border="1"> <thead> <tr> <th>PAL</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Standard</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>Calibrator code</td> <td>H2O</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Concentration</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Position</td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Sample volume</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Sample vol Dil</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Diluent volume</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	PAL							Standard	1	2	3	4	5	6	Calibrator code	H2O	*	*	*	*	*	Concentration	0	*	*	*	*	*	Position		*	*	*	*	*	Sample volume	2	2	2	2	2	2	Sample vol Dil	0	0	0	0	0	0	Diluent volume	0	0	0	0	0	0
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Diluent volume	0	0	0	0	0	0																																																					

*Data entered by operator

**Code

3. Order information

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

APPLICATION NOTE

HITACHI 912

TRANSFERRIN N-DIL (AUT-KIT)

1. Reagent preparation

Sample: Ready for use
 Buffer: Ready for use
 Antiserum: Ready for use
 Calibrator: Transferrin standard set, ready for use. Use NaCl 9 g/L as zero point.

2. Instrument setting

Test Selection Test name Application code Cycle analyser Diluent Code/Tps/Point Wavelength/Main Sample volume Normal Decreased Increased Reagent R1 R2 R3 R4 D.O. Limit Prozone limit	TRF TRANSFERRIN ** 10 sec 301-99 2 point end-10-15-31-0-0 340 2-0-0 20-5-80 10-0-0 220-0-**-* 0-0-**-* 20-0-**-* 0-0-**-* 0-0-increase 3200-0-upper	Test Selection Test name Application code Full name Interval Control Unit Mode Instrument factor (y=ax+b) a b Normal values Man Woman Qualitive 1 2 3 4 5 6 Test limit Test limit	TRF TRF ** TRANSFERRIN * mg/dL Actif 1 0 170 – 340 170 – 340 0.0 0.0 0.0 0.0 0.0 0.0 0 – 550																																																																
Test Selection Calibration type Point Point span Pon AUTO CALIBRATION Change Bottle DS limit Duplication limit Sensibility limit D.O. limit standard 1	TRF Logit-log (4p) 6 0 0 Blanc Blanc 999.9 500 -99999 99999 -32000 32000	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Test Selection</td> <td style="width: 10%;">TRF</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Standard</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td></td> </tr> <tr> <td>Calibrator code</td> <td>H2O</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Concentration</td> <td>0</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Position</td> <td></td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> <td>*</td> </tr> <tr> <td>Sample volume</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td></td> </tr> <tr> <td>Sample vol Dil</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> <tr> <td>Diluent volume</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> </tr> </table>	Test Selection	TRF							Standard	1	2	3	4	5	6		Calibrator code	H2O	*	*	*	*	*	*	Concentration	0	*	*	*	*	*	*	Position		*	*	*	*	*	*	Sample volume	2	2	2	2	2	2		Sample vol Dil	0	0	0	0	0	0		Diluent volume	0	0	0	0	0	0		
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Diluent volume	0	0	0	0	0	0																																																													

* Data entered by operator
 ** Code

3. Order information

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