

APPLICATION NOTE
MINDRAY BS-120 / BS-200
α1 – Acid Glycoprotein AUT KIT
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
Buffer (R1): Ready for use
Antiserum (R2): Ready for use
Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	AGP	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	435	R2 Vol.	60	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	AGP
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

AGP/AUT-000 1 x 10 mL Antiserum
5 x 25 mL Buffer
MPS/STH-001 Protein Standard High, 1 mL
MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
139F003 Immunology Control Low, 1mL
139F002 Immunology Control High, 1 mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
 α 1 – Acid Glycoprotein SD KIT

1. Reagent and sample preparation

Sample: Dilute samples and controls 1/10
 Buffer (R1): Ready for use
 Antiserum (R2): Ready for use
 Calibration: Dilute the Protein Standard High successively 1:10 in NaCl 9 g/L in order to set up a calibration curve.
 Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	AGP	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	5	R1 Vol.	250	R2 Vol.	50	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	AGP
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

122C004 1 x 10 mL Antiserum
 2 x 25 mL Buffer
 MPS/STH-001 Protein Standard High, 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE
MINDRAY BS-200
α1 – ANTITRYPSIN AUT – KIT

1. Reagent preparation

Sample: Ready for use
 Buffer R1: Ready for use
 Antiserum R2: Ready for use
 Calibrator: Dilute the Protein Standard High successively 1:2 in Saline 9 g/L in order to set up a calibration curve or alternatively use the ready for use Protein Standard Set. Use Saline 9 g/L as zero point.

2. Instrument setting

<i>Parameters</i>							
No.	*	Assay	AAT	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	400	R2 Vol.	95	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 26	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	AAT
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	400		

* entered by the user

3. Ordering information

AAT/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STH-001 Protein Standard High, 1 mL
 MPS/STS-5x1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Anti-streptolysin (O) KIT

1. Reagent and sample preparation

Sample: Ready for use.
Buffer (R1): Ready for use.
Latex (R2): Ready for use.
Calibration: Dilute the ASL Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use ASL Standard Set.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	ASL	Type	Endpoint	Reaction	Ascending
Unit	IU/mL	Precision	0	Prim. Wave.	630	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	375	R2 Vol.	75	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	ASL
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

129C004 1 x 10 mL Antiserum
2 x 25 mL Buffer
ASL/STH-001 ASL Standard High, 1 mL
ASL/SST-001 ASL Standard Super High, 1 mL
ASL/STS-4X1 ASL Standard Set, 4 x 1 mL
ASL/CON-001 ASL Control, 1 mL
139F003 Immunology Control Low, 1 mL
139F002 Immunology Control High, 1 mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Complement C3 AUT KIT
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
 Buffer (R1): Ready for use
 Antiserum (R2): Ready for use
 Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
 Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	C3	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	300	R2 Vol.	45	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	C3
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

C3C/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STH-001 Protein Standard High, 1 mL
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Complement C4 AUT KIT
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
 Buffer (R1): Ready for use
 Antiserum (R2): Ready for use
 Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
 Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	C4	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	4	R1 Vol.	220	R2 Vol.	30	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	C4
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

C4C/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 MPS/STH-001 Protein Standard High, 1 mL
 MPS/STS-5X1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200

CRP AUT KIT

No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use.
 Buffer (R1): Ready for use.
 Antiserum (R2): Ready for use.
 Calibration: Dilute the CRP Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use CRP Standard Set.
 Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	CRP	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	19	R1 Vol.	300	R2 Vol.	30	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	CRP
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

CRP/AUT-000 1 x 10 mL Antiserum
 5 x 25 mL Buffer
 CRP/STH-001 CRP Standard High, 1 mL
 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, 1mL

APPLICATION NOTE

MINDRAY BS-120 / BS-200

CRP KIT

1. Reagent and sample preparation

Sample: Ready for use.

Buffer (R1): Ready for use.

Antiserum (R2): Ready for use.

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

2. Instrument setting

Parameters							
No.	*	Assay	CRP	Type	Endpoint	Reaction	Ascending
Unit	Mg/dL	Precision	0	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	16	R1 Vol.	250	R2 Vol.	50	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	CRP
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

117C004 1 x 10 mL Antiserum
 2 x 25 mL Buffer
 CRP/STH-001 CRP Standard High ,1 mL
 CRP/STS-5X1 CRP Standard Set, 5 x 1 mL
 CRP/SST-001 CRP Standard Super High, 1 mL
 CRP/COL-001 CRP Control Low, 1 mL
 CRP/COH-001 CRP Control High, 1 mL
 139F003 Immunology Control Low, 1 mL
 139F002 Immunology Control High, 1 mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
CRP US 2 U2A KIT
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
Buffer (R1): Ready for use
Latex (R2): Ready for use
Calibration: Dilute the CRP Standard High US successively 1:2 in NaCl 9 g/L in order to set up a calibration curve.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	CRP US	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	0	Prim. Wave.	630	Sec. Wave.	0
Sample Vol.	2	R1 Vol.	250	R2 Vol.	60	Lin. Limit	
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	CRP US
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

CRP/U2A-000 1 x 10 mL Latex
2 x 25 mL Buffer
CRP/SHU-001 CRP Standard High US, 1 mL
CRP/CON-001 CRP Control, 1mL
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
MINDRAY BS-120 / BS-200

Ferritin AUT KIT

1. Reagent and sample preparation

Sample: Ready for use.
 Buffer (R1): Ready for use.
 Latex (R2): Ready for use.
 Calibration: Ferritin Standard Set 2nd Generation, ready for use. Use saline 9g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	FER	Type	Endpoint	Reaction	Ascending
Unit	ng/mL	Precision	0	Prim. Wave.	630	Sec. Wave.	0
Sample Vol.	24	R1 Vol.	180	R2 Vol.	60	Lin. Limit	500
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	FER
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

132C011 1 x 8 mL Latex
 1 x 24 mL Buffer
 132E004 Ferritin Standard Set 2nd Generation, 5 x 1 mL
 FER/COL-001 Ferritin Control Low, 1 mL
 FER/COH-001 Ferritin Control High, 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Haptoglobin AUT KIT
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
Buffer (R1): Ready for use
Antiserum (R2): Ready for use
Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	HAP	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	420	R2 Vol.	60	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	HAP
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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, 5 x 1 mL
139F003 Immunology Control Low, 1mL
139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
IgA KIT 2nd Generation
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
Buffer (R1): Ready for use
Antiserum (R2): Ready for use
Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	IGA	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	420	R2 Vol.	75	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	IGA
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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, 5 x 1 mL
139F003 Immunology Control Low, 1mL
139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200

IgG AUT KIT

No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
 Buffer (R1): Ready for use
 Antiserum (R2): Ready for use
 Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
 Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	IGG	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	380	R2 Vol.	110	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	IGG
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
IgM KIT 2nd Generation
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
Buffer (R1): Ready for use
Antiserum (R2): Ready for use
Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	IGM	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	330	R2 Vol.	40	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	IGM
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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, 5 x 1 mL
139F003 Immunology Control Low, 1mL
139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Microalbumin KIT

1. Reagent and sample preparation

Sample: Centrifuged urine, ready for use.

Buffer (R1): Ready for use.

Antiserum (R2): Ready for use.

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

2. Instrument setting

Parameters							
No.	*	Assay	MAL	Type	Endpoint	Reaction	Ascending
Unit	mg/L	Precision	0	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	6	R1 Vol.	250	R2 Vol.	50	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	MAL
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

102C004 1 x 10 mL Antiserum
 2 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
 102F003 Microalbumin Control Low, 1 mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Microalbumin KIT 2nd Generation
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
Buffer (R1): Ready for use
Antiserum (R2): Ready for use
Calibration: Dilute the Microalbumin Standard successively 1:2 in NaCl 9 g/L in order to set up a calibration curve.
Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	MAL	Type	Endpoint	Reaction	Ascending
Unit	mg/L	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	12	R1 Vol.	220	R2 Vol.	40	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	MAL
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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/CON-005 Microalbumin Control, 5 mL

APPLICATION NOTE
MINDRAY BS-200
MICROALBUMIN KIT
2ND GENERATION

1. Reagent preparation

Sample: Centrifuged urine, ready for use.
 Buffer R1: Ready for use
 Antiserum R2: Ready for use
 Calibrator: Dilute the Microalbumin Standard successively 1:2 in Saline 9 g/L in order to set up a calibration curve or alternatively use the ready for use Microalbumin Standard Set. Use Saline 9 g/L as zero point.

2. Instrument setting

Test Parameters			
Test name	MAL2	R1 Volume	250
No	*	R2 Volume	40
Full name	*	Sample Volume	16
Standard No.		R1 Blank	
Reaction type	Endpoint	Mixed Reag. Blank	
Primary Wavelength	340	Linearity Range	
Secondary Wavelength	-	Linearity Limit	0
Dicection	Ascending	Substrate Limit	0
Reaction Time	8 - 28	Factor	0
Incubation Time	9	Prozone Check	
Units	mg/L	q1: q2: q3: q4:	
Precision	0.1	PC: Abs:	
Calibration Parameters			
Rule	Multi Point	Calibrator 1	Water
Sensitivity		Calibrator 2	**
Replicates	2	Calibrator 3	**
Interval (day)		Calibrator 4	**
SD		Calibrator 5	**
Blank Response		Calibrator 6	MAL STD
Error Limit			
Coefficient	0		

** entered by the user

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, 5x1 mL
 MAL/CON-001 Microalbumin Control, 1 mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Prealbumin AUT KIT
No Sample Dilution

1. Reagent and sample preparation

Sample: Ready for use
 Buffer (R1): Ready for use
 Antiserum (R2): Ready for use
 Calibration: Dilute the Protein Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve or use the ready for use Protein Standard Set.
 Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	PAL	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	270	R2 Vol.	30	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	PAL
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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, 5 x 1 mL
 139F003 Immunology Control Low, 1mL
 139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Rheumatoid Factor KIT 3rd Generation

1. Reagent and sample preparation

Sample: Ready for use.
Buffer (R1): Ready for use.
Reagent (R2): Ready for use.
Calibration: Dilute the RF Standard High successively 1:2 in NaCl 9 g/L in order to set up a calibration curve. Alternatively, use the ready for use RF Standard Set. Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	RF	Type	Endpoint	Reaction	Ascending
Unit	IU/mL	Precision	2	Prim. Wave.	630	Sec. Wave.	0
Sample Vol.	16	R1 Vol.	250	R2 Vol.	50	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	RF
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

100C011 1 x 25 mL Reagent
5 x 25 mL Buffer
RHF/STH-001 RF Standard High, 1 mL
RHF/SST-001 RF Standard Super High, 1 mL
RHF/STS-5x1 RF Standard Set, 5 x 1 mL
RHF/CON-001 RF Control, 1 mL
139F003 Immunology Control Low, 1mL
139F002 Immunology Control High, 1mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200
Transferrin AUT KIT

1. Reagent and sample preparation

Sample: Ready for use.
Buffer (R1): Ready for use.
Antiserum (R2): Ready for use.
Calibration: Ready for use.

2. Instrument setting

Parameters							
No.	*	Assay	TRF	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	2	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	3	R1 Vol.	330	R2 Vol.	30	Lin. Limit	20
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	TRF
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit-Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering 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, 1 mL

APPLICATION NOTE
MINDRAY BS-120 / BS-200

Transferrin KIT

1. Reagent and sample preparation

Sample: Dilute samples and controls 1/10 in NaCl 9 g/L.
 Buffer (R1): Ready for use.
 Antiserum (R2): Ready for use.
 Calibration: Dilute the Protein Standard High successively 1:10, 1:20, 1:40, 1:80 and 1:160 in NaCl 9 g/L in order to set up a calibration curve. Use NaCl 9 g/L as zero point.

2. Instrument setting

Parameters							
No.	*	Assay	TRF	Type	Endpoint	Reaction	Ascending
Unit	mg/dL	Precision	0	Prim. Wave.	340	Sec. Wave.	0
Sample Vol.	4	R1 Vol.	250	R2 Vol.	50	Lin. Limit	500
Inc. Time	10	Antigen		Response		S. Volume	0
R. Time	-1 / 20	Substrate	0	L Limit	0	Ratio	0
				U Limit	0		
R1 Blank		Mix. R Blank		Linearity		Full Name	TRF
L Limit	0	L Limit	0	L Limit	0	Print No.	1
U Limit	0	U Limit	0	U Limit	0		
Ref. Interval				Calibration			
Low	*			Cal. Type	Logit- Log 5		
High	*			Calibrator	Multical		

* entered by the user

3. Ordering information

109C004 1 x 10 mL Antiserum
 2 x 25 mL Buffer
 MPS/STH-001 Protein Standard High, 1 mL
 MPS/STS-5x1 Protein Standard Set, 5 x 1 mL
 139F003 Immunology Control Low, 1 mL
 139F002 Immunology Control High, 1 mL