

HITACHI 747

AA-H747-CAT-7

BIOCHIMISTRY

	A	Versions	
	ALP (DEA) SL mono procedure.....	PASLmono-4.....	PRO
	ALT / GPT 4+1 SL mono procedure	ALSL4+1mono-2..	PRO
<i>Update</i>	ALT / GPT	ALAT-4.....	PRO
	AMYLASE SL.....	AMSL-4	PRO
	AST / GOT 4+1 SL mono procedure.....	ASSL4+1mono-2..	PRO
<i>Update</i>	AST / GOT.....	ASAT-4	PRO

	B		
<i>New</i>	BILIRUBIN TOTAL & DIRECT 4+1.....	BITD-1.....	PRO

	C		
<i>Update</i>	CHOLESTEROL SL	CHSL-6	PRO
<i>Update</i>	CHOLESTEROL.....	CHOL-4	PRO
<i>New</i>	CHOLESTEROL HDL SL 2G.....	HDLL-1.....	PRO
<i>New</i>	CHOLESTEROL LDL SL 2G	LDLL-1	PRO
	CK - MB SL mono procedure.....	CMSLmono-4	PRO
	CK NAC SL mono procedure.....	CKSLmono-5	PRO
	CREATININE JAFFE bi procedure	CRCObi-4.....	PRO

	G		
	GAMMA GT SL mono procedure.....	GASLmono-4	PRO
	GLUCOSE HK SL mono procedure.....	GHSLmono-3	PRO
<i>Update</i>	GLUCOSE PAP SL	GPSL-5	PRO
	GLUCOSE PAP	GLUP-3	PRO

	I		
	IRON FERROZINE	FEFR-4.....	PRO

	L	Versions	
	LDH – P 4+1 SL mono procedure.....	LDL4+1mono-2 ..	PRO

	M		
	MICROPROTEIN	P RTP-3.....	PRO

	P		
	PHOSPHORUS.....	PHOS-4	PRO

	T		
	TOTAL PROTEIN.....	P RTB-4.....	PRO
<i>Update</i>	TRIGLYCERIDES MONO SL NEW	TGMLN-3.....	PRO
<i>Update</i>	TRIGLYCERIDES.....	TRIG-4.....	PRO

	U		
<i>Update</i>	UREA UV SL mono procedure.....	URSLmono-5.....	PRO
	UREA UV	URUV-3	PRO
<i>Update</i>	URIC ACID MONO.....	AUML-2	PRO
	URIC ACID SL mono procedure	AUSLmono-3	PRO
<i>Update</i>	URIC ACID.....	ACUR-4	PRO

SPECIFIC PROTEIN

<i>New</i>	HbA1c.....	HBAC-1	PRO
<i>New</i>	μALBUMIN IP	IMAL-1	PRO

PRO = PROPOSAL: These applications have been established theoretically.
It is advised to check it.




ALP (DEA) SL

ONE REAGENT PROCEDURE

Ref. : PASL-0400 2 x 62.5 mL
 PASL-0420 4 x 62.5 mL
 PASL-0500 5 x 125 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	ALP			
ASSAY CODE	KIN A	30-50		
WAVELENGTH (SUB)	660	WAVELENGTH (MAIN)		405
	SERUM			URINE
SAMPLE VOLUME	4			
EXPECTED VALUES	§§§			
PANIC VALUE				
ABS.LIM (INC/DEC)	13 000-INC			
PROZONE LIMITE	0-LOWER			
R1 VOLUME	250	R2 VOLUME		
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		
DILUTION VOLUME	0			
CALIBRATION METHOD	K FACTOR	ST	CONC	RACK
POINT NB	0	1	0	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	100	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 §§§ : Enter expected values.




ALT / GPT 4+1 SL

ONE REAGENT PROCEDURE

Ref. : ALSL-0410 2 x 62.5 mL
 ALSL-0430 4 x 62.5 mL
 ALSL-0510 5 x 125 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	ALT E				
ASSAY CODE	KIN A	30-50			
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	20-10				
EXPECTED VALUES	\$\$\$				
PANIC VALUE	4-500				
ABS.LIM (INC/DEC)	4000-DEC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	250	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK	POS
POINT NB	0	1	\$\$\$	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0


* : Enter by user.
 \$\$\$: Enter expected values.



ALT / GPT

☞ Ref.: ALAT-0200 12 x 20 mL
ALAT-0400 9 x 50 mL


**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	ALT E				
ASSAY CODE	KIN A	30-50			
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	20-10				
EXPECTED VALUES	\$\$\$				
PANIC VALUE	4-500				
ABS.LIM (INC/DEC)	4000-DEC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	250	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK	POS
POINT NB	0	1	\$\$\$	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
 \$\$\$: Enter expected values.

 Modification from the previous version


(06/2009)
AA-H747-ALAT-4



AMYLASE SL

Ref. : AMSL-0390 1 x 50 mL
 AMSL-0400 6 x 50 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	AMY			
ASSAY CODE	KIN A	30-50		
WAVELENGTH (SUB)	660	WAVELENGTH (MAIN)	405	
	SERUM		URINE	
SAMPLE VOLUME	5-3			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0-900			
ABS.LIM (INC/DEC)	15000-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME		
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		
DILUTION VOLUME	0			
CALIBRATION METHOD	K FACTOR	ST	CONC	RACK
POINT NB	0	1	0	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	100	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 \$\$\$: Enter expected values.




AST / GOT 4+1 SL

ONE REAGENT PROCEDURE

Ref. : ASSL-0410 2 x 62.5 mL
 ASSL-0430 4 x 62.5 mL
 ASSL-0510 5 x 125 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	AST E				
ASSAY CODE	KIN A	30-50			
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	20-10				
EXPECTED VALUES	\$\$\$				
PANIC VALUE	2-800				
ABS.LIM (INC/DEC)	4000-DEC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	250	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK	POS
POINT NB	0	1	0	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0


* : Enter by user.
 \$\$\$: Enter expected values.



AST / GOT

☞ Ref.: ASAT-0200 12 x 20 mL
ASAT-0400 9 x 50 mL


**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	ALT E				
ASSAY CODE	KIN A	30-50			
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	20-10				
EXPECTED VALUES	\$\$\$				
PANIC VALUE	2-800				
ABS.LIM (INC/DEC)	4000-DEC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	250	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK	POS
POINT NB	0	1	0	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
\$\$\$: Enter expected values.

 Modification from the previous version


(06/2009)
AA-H747-ASAT-4



BILIRUBIN TOTAL & DIRECT 4+1

Ref.: BITD-0600 Total et Direct 2 x 125 mL
 BIDI-0600 Direct 2 x 125 mL
 BITO-0600 Total 2 x 125 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

Preparation of working reagent

R1: Reagent 1 (Total or direct): ready for use

R2: Reagent 2: ready for use

TEST	BITD				
ASSAY CODE	2 POINT	22-50			
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		546	
	SERUM			URINE	
SAMPLE VOLUME	30-*				
EXPECTED VALUES	\$\$\$				
PANIC VALUE					
ABS.LIM (INC/DEC)					
PROZONE LIMIT	-32000/LOWER				
R1 / R2 VOLUME	240	R2 VOLUME		60	
DUMMY INTERVAL R1/R2	**/**	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	LINEAR	ST	CONC	RACK	POS
POINT NB	0	1	\$\$\$	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	500	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0


* : Enter by user.
 ** : Input the number of cycles determined by each lab.
 \$\$\$: Enter expected values.



CHOLESTEROL SL

Ref. : CHSL-0490 1 x 100 mL
 CHSL-0500 6 x 100 mL
 CHSL-0700 4 x 250 mL
 ☞ CHSL-0507 6 x 100 mL + STD
 ☞ CHSL-0707 4 x 250 mL + STD


**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	CHO E			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		505
	SERUM			URINE
SAMPLE VOLUME	3-2			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	1.00-3.00			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME		0
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 \$\$\$: Enter expected values.

 Modification from the previous version


(06/2009)
 AA-H747-CHSL-6



CHOLESTEROL

☞ Ref. :CHOL-0220 12 x 20 mL
 CHOL-0420 9 x 50 mL
 CHOL-0520 6 x 100 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	CHO E			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		505
	SERUM			URINE
SAMPLE VOLUME	3-2			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	1.00-3.00			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME		0
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 \$\$\$: Enter expected values.


☞ Modification from the previous version



CHOLESTEROL HDL SL 2G

Ref. : HDLL-0380 1 x 80 mL
HDLL-0390 3 x 80 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	HDL			
ASSAY CODE	2 POINT	22-50		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		600
	SERUM			URINE
SAMPLE VOLUME	3-3			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	*			
ABS.LIM (INC/DEC)	0-INCREASE			
PROZONE LIMIT	-32000/LOWER			
R1 VOLUME	300	R2 VOLUME		100
DUMMY INTERVAL R1/R2	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	0.0	*
SD LIMIT	0.1	2	**	*
DUPLICATE LIMIT	1000	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 \$\$\$: Enter expected values.
 ** : Enter calibrator value.




CHOLESTEROL LDL SL 2G

Ref. : LDLL-0380

1 x 80 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	LDL			
ASSAY CODE	2 POINT	25-40		
WAVELENGTH (SUB)	660	WAVELENGTH (MAIN)		546
	SERUM			URINE
SAMPLE VOLUME	3-3			
EXPECTED VALUES	*			
PANIC VALUE	*			
ABS.LIM (INC/DEC)	0-INCREASE			
PROZONE LIMIT	-32000/LOWER			
R1 VOLUME	300	R2 VOLUME		100
DUMMY INTERVAL R1/R2	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	0.0	*
SD LIMIT	0.1	2	#	*
DUPLICATE LIMIT	1000	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.

: Enter calibrator values.




CK - MB SL

ONE REAGENT PROCEDURE

Ref. : CMSL-0410 2 x 62.5 mL
 CMSL-0430 4 x 62.5 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	CKMB			
ASSAY CODE	KIN A	5-15-22		
WAVELENGTH (SUB)	415	WAVELENGTH (MAIN)		340
	SERUM			URINE
SAMPLE VOLUME	10-2			
EXPECTED VALUES	§§§			
PANIC VALUE				
ABS.LIM (INC/DEC)	9000-1			
PROZONE LIMITE(UPPER/LOWER)	0-0			
R1 VOLUME	250	R2 VOLUME		0
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK
POINT NB	2	1	0	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	100	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 §§§ : Enter expected values.




CK NAC SL

Ref. : CKSL-0410 2 x 62.5 mL
 CKSL-0430 4 x 62.5 mL

ONE REAGENT PROCEDURE

APPLICATION HITACHI 747 PROPOSAL

Instruction for use : 

Working temperature : 37°C

TEST	CK				
ASSAY CODE	KIN A				
WAVELENGTH (SUB)	415	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	10-2				
EXPECTED VALUES	\$\$\$				
PANIC VALUE					
ABS.LIM (INC/DEC)					
PROZONE LIMITE(UPPER/LOWER)	0-0				
R1 VOLUME	250	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK	POS
POINT NB	2	1	0	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	100	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
 \$\$\$: Enter expected values.




CREATININE JAFJE

Ref. : CRCO-0600 2 x 125 mL
CRCO-0700 4 x 250 mL

TWO REAGENT PROCEDURE

APPLICATION HITACHI 747 PROPOSAL

Instruction for use : 

Working temperature : 37°C

TEST	CRE E			
ASSAY CODE	2 POINT	50-0		
WAVELENGTH (SUB)	570	WAVELENGTH (MAIN)	505	
	SERUM		URINE	
SAMPLE VOLUME	15-7			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	5-30			
ABS.LIM (INC/DEC)	5000-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	150	R2 VOLUME	150	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.

\$\$\$: Enter expected values.




GAMMA GT SL

ONE REAGENT PROCEDURE

Ref. : GASL-0400 2 x 62.5 mL
 GASL-0420 4 x 62.5 mL
 GASL-0500 5 x 125 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	GGT			
ASSAY CODE	KIN A	30-50		
WAVELENGTH (SUB)	660	WAVELENGTH (MAIN)		405
	SERUM			URINE
SAMPLE VOLUME	20			
EXPECTED VALUES	§§§			
PANIC VALUE				
ABS.LIM (INC/DEC)	8000-INC			
PROZONE LIMITE	0-LOWER			
R1 VOLUME	250	R2 VOLUME		
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		
DILUTION VOLUME	0			
CALIBRATION METHOD	K FACTOR	ST	CONC	RACK
POINT NB	0	1	0	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	100	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.

§§§ : Enter expected values.




GLUCOSE HK SL

Ref. : GHSL-0600

5 x 125 mL

ONE REAGENT PROCEDURE

APPLICATION HITACHI 747 PROPOSAL

Instruction for use : 

Working temperature : 37°C

TEST	GLU HK			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	340	
	SERUM		URINE	
SAMPLE VOLUME	3-2			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0.10-5.00			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.


\$\$\$: Enter expected values.



GLUCOSE PAP SL

Ref. : GPSL-0490	1 x 100 mL
GPSL-0500	6 x 100 mL
GPSL-0700	4 x 250 mL
☞ GPSL-0507	6 x 100 mL + STD
☞ GPSL-0707	4 x 250 mL + STD


**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	GLU E				
ASSAY CODE	1 POINT	50-0			
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		505	
	SERUM	URINE			
SAMPLE VOLUME	4-2	10-5			
EXPECTED VALUES	\$\$\$				
PANIC VALUE	0.60-3.00	-99999		99999	
ABS.LIM (INC/DEC)	0-INC	32000		DEC	
PROZONE LIMITE(UPPER/LOWER)					
	0-LOWER	-32000		LOWER	
R1 VOLUME	270	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	LINEAR	ST	CONC	RACK	POS
POINT NB	0	1	\$\$\$	*	*
SD LIMIT	0.1	2	1.25	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
 \$\$\$: Enter expected values.

 Modification from the previous version


(06/2009)
 AA-H747-GPSL-5



GLUCOSE PAP

Ref. : GLUP-0700 4 x 250 mL
 GLUP-0800 5 x 500 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	GLU E				
ASSAY CODE	1 POINT	50-0			
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		505	
	SERUM	URINE			
SAMPLE VOLUME	4-2	10-5			
EXPECTED VALUES	\$\$\$				
PANIC VALUE	0.60-3.00	-99999		99999	
ABS.LIM (INC/DEC)	0-INC	32000		DEC	
PROZONE LIMITE(UPPER/LOWER)	0-LOWER	-32000		LOWER	
R1 VOLUME	270	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	LINEAR	ST	CONC	RACK	POS
POINT NB	0	1	\$\$\$	*	*
SD LIMIT	0.1	2	1.25	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
 \$\$\$: Enter expected values.




IRON FERROZINE

Ref. : FEFR-0600

2 x 125 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	IRON			
ASSAY CODE	2 POINT	22-50		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	570	
	SERUM		URINE	
SAMPLE VOLUME	20			
EXPECTED VALUES	\$\$\$			
PANIC VALUE				
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMIT	*-LOWER			
R1 VOLUME	250	R2 VOLUME	12	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.

\$\$\$: Enter expected values.




LDH - P 4+1 SL

Ref. : LDSL-0410 2 x 62.5 mL
 LDSL-0430 4 x 62.5 mL

ONE REAGENT PROCEDURE

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	LDH-P			
ASSAY CODE	KIN A	30-50		
WAVELENGTH (SUB)	405	WAVELENGTH (MAIN)	340	
	SERUM		URINE	
SAMPLE VOLUME	5			
EXPECTED VALUES	§§§			
PANIC VALUE				
ABS.LIM (INC/DEC)	6500-DEC			
PROZONE LIMITE	0-LOWER			
R1 VOLUME	250	R2 VOLUME		
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		
DILUTION VOLUME	0			
CALIBRATION METHOD	K FACTOR	ST	CONC	RACK
POINT NB	0	1	0	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	100	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 §§§ : Enter expected values.




MICROPROTEIN

Ref. : PRTP-0600

2 x 125 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	PTUED			
ASSAY CODE	2 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	600	
	SERUM		URINE	
SAMPLE VOLUME	10-4			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0-2.50			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)				
R1 VOLUME	250 (NaCl)	R2 VOLUME	250	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	FACTOR K	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0
				POS
				*

* : Enter by user.

\$\$\$: Enter expected values.




PHOSPHORUS

Ref. : PHOS-0600

2 x 125 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	PHOS			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)		340
	SERUM			URINE
SAMPLE VOLUME	4			
EXPECTED VALUES	\$\$\$			
PANIC VALUE				
ABS.LIM (INC/DEC)	DEC			
PROZONE LIMIT	100-LOWER			
R1 VOLUME	250	R2 VOLUME		0
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.


\$\$\$: Enter expected values.



TOTAL PROTEIN

Ref. : PRTB-0600 2 x 125 mL
 PRTB-0700 4 x 250 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	PROT			
ASSAY CODE	1 POINT	20-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	546	
	SERUM		URINE	
SAMPLE VOLUME	5-3			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0-9.0			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)				
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	600	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0


* : Enter by user.
 \$\$\$: Enter expected values.



TRIGLYCERIDES MONO SL NEW

Ref. : TGML-0425 6 x 50 mL
 TGML-0515 6 x 100 mL
 TGML-0700 4 x 250 mL
 ☞ TGML-0427 6 x 50 mL + STD
 ☞ TGML-0517 6 x 100 mL + STD
 ☞ TGML-0707 4 x 250 mL + STD

**APPLICATION HITACHI 747
PROPOSAL**


Instruction for use : 

Working temperature : 37°C

TEST	TGE E			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	505	
	SERUM		URINE	
SAMPLE VOLUME	3-2			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0.10-5.00			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.

\$\$\$: Enter expected values.

 Modification from the previous version


(06/2009)
AA-H747-TGMLN-3



TRIGLYCERIDES

☞ Ref.: TRIG-0200 12 x 20 mL
 TRIG-0400 9 x 50 mL


**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	TGE E			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		546
	SERUM			URINE
SAMPLE VOLUME	3-2			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0.10-5.00			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME		0
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 \$\$\$: Enter expected values.

 Modification from the previous version



UREA UV SL

ONE REAGENT PROCEDURE

Ref. : URSL-0400	2 x 62.5 mL
URSL-0420	4 x 62.5 mL
URSL-0500	5 x 125 mL
☞ URSL-0407	2 x 62.5 mL + STD
☞ URSL-0427	4 x 62.5 mL + STD
☞ URSL-0507	5 x 125 mL + STD

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use :

Working temperature : 37°C

TEST	UREA E				
ASSAY CODE	2 POINT	50-0			
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	3-2				
EXPECTED VALUES	§§§				
PANIC VALUE	0.10-3.00				
ABS.LIM (INC/DEC)	5000-DEC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	300	R2 VOLUME		0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	LINEAR	ST	CONC	RACK	POS
POINT NB	0	1	§§§	*	*
SD LIMIT	0.1	2	0	0	0
DUPLICATE LIMIT	200	3	0	0	0
SENSITIVITY LIMIT	0	4	0	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0	0
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
§§§ : Enter expected values.

Modification from the previous version


(06-2009)
AA-H747-URSLmono-5



UREA UV

Ref. : URUV-0400 9 x 50 mL
 URUV-0500 6 x 100 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 
Working temperature : 30°C

TEST	UREA E			
ASSAY CODE	2 POINT	50-0		
WAVELENGTH (SUB)	376	WAVELENGTH (MAIN)	340	
	SERUM		URINE	
SAMPLE VOLUME	3-2			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	0.10-3.00			
ABS.LIM (INC/DEC)	5000-DEC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0


* : Enter by user.
 \$\$\$: Enter expected values.



URIC ACID MONO SL

Ref. : AUML-0420 6 x 50 mL
 AUML-0500 6 x 100 mL
 AUML-0700 4 x 250 mL
 ☞ AUML-0427 6 x 50 mL + STD
 ☞ AUML-0507 6 x 100 mL + STD
 ☞ AUML-0707 4 x 250 mL + STD


**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	AUML			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	550	
	SERUM		URINE	
SAMPLE VOLUME	7-3			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	10-200			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.
 \$\$\$: Enter expected values.

 Modification from the previous version

(06/2009)
AA-H747-AUML-2




URIC ACID SL

ONE REAGENT PROCEDURE

Ref. : AUSL-0400 2 x 62.5 mL
 AUSL-0420 4 x 62.5 mL
 AUSL-0600 5 x 125 mL

**APPLICATION HITACHI 747
 PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	AUC E			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	550	
	SERUM		URINE	
SAMPLE VOLUME	7-3			
EXPECTED VALUES	§§§			
PANIC VALUE	10-200			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	§§§	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0


* : Enter by user.
 §§§ : Enter expected values.



URIC ACID

☞ Ref. : ACUR-0200 12 x 20 mL
ACUR-0400 9 x 50 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

TEST	AUC E			
ASSAY CODE	1 POINT	50-0		
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)	550	
	SERUM		URINE	
SAMPLE VOLUME	7-3			
EXPECTED VALUES	\$\$\$			
PANIC VALUE	10-200			
ABS.LIM (INC/DEC)	0-INC			
PROZONE LIMITE(UPPER/LOWER)	0-LOWER			
R1 VOLUME	300	R2 VOLUME	0	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2	0	
DILUTION VOLUME	0			
CALIBRATION METHOD	LINEAR	ST	CONC	RACK
POINT NB	0	1	\$\$\$	*
SD LIMIT	0.1	2	0	0
DUPLICATE LIMIT	200	3	0	0
SENSITIVITY LIMIT	0	4	0	0
STD1 ABS LEVEL	-32000/32000	5	0	0
INSTRUMENT FACTOR	1	6	0	0

* : Enter by user.

\$\$\$: Enter expected values.

☞ Modification from the previous version

(06/2009)
AA-H747-ACUR-3




HbA1c

MANUAL LYSE

Ref. : HBAC-0240 1 x 32 mL

**APPLICATION HITACHI 747
PROPOSAL**

Instruction for use : 

Working temperature : 37°C

Preparation of samples

Dispense 1 mL of reagent R3 in a plastic or glass tube. Add 20µL of well mixed blood sample (calibrator, control or patient sample). Allow to stand for 5 minutes or until lysis is complete.

TEST	HbA1c				
ASSAY CODE	1 POINT	50-0			
WAVELENGTH (SUB)		WAVELENGTH (MAIN)		660	
	SERUM			URINE	
SAMPLE VOLUME	7-3				
EXPECTED VALUES	\$\$\$				
PANIC VALUE	*.*				
ABS.LIM (INC/DEC)	32000-INC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	250	R2 VOLUME		83	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	NONLINEAR-4-5	ST	CONC	RACK	POS
POINT NB	5	1	0.0	*	*
SD LIMIT	100	2	\$\$\$	*	*
DUPLICATE LIMIT	1000	3	\$\$\$	*	*
SENSITIVITY LIMIT	0	4	\$\$\$	*	*
STD1 ABS LEVEL	-32000/32000	5	\$\$\$	*	*
INSTRUMENT FACTOR	1	6	0	0	0

* : Enter by user.
 \$\$\$: Enter expected values.

For optimal performance, cuvette washes are recommended with this assay, use maintenance screen and cell wash function to assign a special wash.





μALBUMIN IP

REF: IMAL-0400

R1 2 x 25 mL + R2 1 x 5 mL

APPLICATION HITACHI 747

PROPOSAL

For more details, see the Instructions for use:
 Working temperature: 37°C

PROCEDURE

Preparation of working reagent :

R1 volume : Reagent 1 Ref : IMAL-6125 Ready to use

R2 volume : Reagent 2 Ref : IMAL-5025 Ready to use

Calibration :

μALBUMIN IP CALIBRATOR SET

Ref : IMAL-0043

Ready to use

μALBUMIN IP CALIBRATOR H

Ref : IMAL-0042

Use pure and diluted at 1/2,1/4,1/8,1/16 in NaCl 9

g/L solution.

In both cases, add a zero point (NaCl 9 g/L solution).

TEST	MAL				
ASSAY CODE	2 POINT	24-50			
WAVELENGTH (SUB)	700	WAVELENGTH (MAIN)		340	
	SERUM			URINE	
SAMPLE VOLUME	16-0				
EXPECTED VALUES	\$\$\$				
PANIC VALUE	*_*				
ABS.LIM (INC/DEC)	32000-INC				
PROZONE LIMITE(UPPER/LOWER)	0-LOWER				
R1 VOLUME	250	R2 VOLUME		40	
DUMMY INTERVAL R1	0	DUMMY INTERVAL R2		0	
DILUTION VOLUME	0				
CALIBRATION METHOD	NONLINEAR-4-6	ST	CONC	RACK	POS
POINT NB	6	1	0.0	*	*
SD LIMIT	100	2	\$\$\$	*	*
DUPLICATE LIMIT	1000	3	\$\$\$	*	*
SENSITIVITY LIMIT	0	4	\$\$\$	*	*
STD1 ABS LEVEL	-32000/32000	5	\$\$\$	*	*
INSTRUMENT FACTOR	1	6	\$\$\$	*	*

* : Enter by user.

\$\$\$: Enter expected values.

