Instrument Application

Analyzer: Hitachi 912
Test: ACID PHOS
Catalog #: HA703

						3	
ADDI ICATIO	NI CODEE		V7E WIND	NOW.			
 APPLICATIC	JN SCREE	N, ANAL ΛΝΛΙ	YZE WIND V7FD CV(	)	10 SEC	DILLIE	
SELECT TEST: ACP TEST NAME: ACP	ναρρα	/TIMF/PC	IZER GIO NNT:	JEE HIVIE.	10 JLC	DILUL	<b>VI.</b> 00311 0
APP CODE: # User defined	NOON	/ 1 11VIL/1 C	WAVF	(2ND/PRIN	//ARY):	/415	
711 CODE. # Oser defined			******	- (2 // // //	u.v.).	7110	
SAMPLE VOLUME CLASS	1 CLASS	2		REAG	ENT		
NORMAL:	20		20				<b>R1</b> : 350
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 0
					<b>R4</b> : 0		
			S 2 DEC/II				
ABS. LIMIT:	0		0	LOWE	INCRE	EASE	
PROZONE LIMIT: 0		0		LOWE	R		
A DDI 10 A TI				MANDOM			
 APPLICATIO							
SELECT TEST: ACP POINT: SPAN I	DOINT.		WEICI	SKATIUN ⊔T. ∩	IYPE: LIIV	EAK	
AUTO CALIBRATION	PUINT.		WEIGI	пι. υ			
TIME C	NIT	CHVV	CEOVED				
BI VNIK. U HD	I ∩T∈#	CHAIN	GEOVER	וו חפ	<b>MIT</b> : 0.1		
BLANK: 0 HR SPAN: 0 HR	LOT. #	R∩TT	F· #	DLIDI		NIT∙ 10%	10000 ABS
2 POINT: 0 HR		БОТТ	<b>∟∟.</b> π	SENIS	ITIVITY DA	NGE: #	#
FULL: 0 HR					S RANGE		π
TOLL. OTIK				31712	JO IO IIVOL	•	
 APPLICATI	ION SCREI	EN, RAN	GE WINDO	DWWC			
SELECT TEST: AC{ DATA MODE: ON BOARD		TEST	NAME: A	CP			
CTRL INTERVAL: 1000		UNIT:	U/L		INSTR	. FACTOR	A = 1.0 B = 0.0
SELECT SAMPLE TYPE: S	SER/PL						
EXPEC	TED RANG					UALITATI	VE TABLE
AGE	MALE		FEMA	LE		999 <3.0	
100 YEARS	0.0-9.0		-			(2) 0.0	
100 YEARS	-		-			(3) 0.0	
	-		-			(4) 0.0	
						(5) 0.0	
<b>DEFAULT RANGE</b> : OVER	100 YEARS	S				(6) 0.0	
DEFAULT SEX: MALE						E: # - #	
CLASS 1 TECHNICAL RAN	<b>IGE</b> : 0.0-3	5.0	CLAS	S 2 TECH	NICAL RA	NGE: -999	99 -99999
APPLICATI	ION SCDEI	EN OTH	EDC WIND	OW.			
 APPLICATI <standard></standard>	1011 SCREI	(2)	EKS WIND	(4)	 (5)	(6)	
CALIB. CODE:	#	( <del>2</del> ) #	(3)	(ד)	(3)	(0)	
CONCENTRATION:	0.0	"					
POSITION:	#						
SAMPLE VOLUME:	20	20	20	20	20	20	
DILUTED S. VOL:	0	0	0	0	0	0	
DILUENT VOLUME:	0	0	0	0	0	0	
DILOCITI FOLOMIC.	J	J	•	J	J	J	

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

**Instrument Application** 

Analyzer: Hitachi 912

Test: ALBUMIN

Catalog # : HA901-1400

 APPLICAT							<b>NT</b> : 00311	
SELECT TEST: ALB TEST NAME: ALB	Αςςαν	/TIME/POIN	JT· 1-PO	INT 10	5 0 0 0	DILOL	141. 00311	U
APP CODE: # 702	7100711	WAVF (		<b>ARY)</b> : 70				
74.1 0002. 11 702			_ // / / // // // // // // // // // // /		0 000			
SAMPLE VOLUME CLAS				REAG	ENT			
NORMAL:	3 #		3				<b>R1</b> : 350	1
DECREASE:			#				<b>R2</b> : 0	
INCREASE:	#		#				<b>R3</b> : 0	
					<b>R4</b> : 0			
A DO LIMIT		1 CLASS			INIODI	- 4 0 5		
ABS. LIMIT:	0	•	0		INCRE	EASE		
<b>PROZONE LIMIT</b> : 0		0		LOWE	K			
 APPLICA	TION SCREE	N CALIBE	ΑΤΙΟΝ V	VINDOW-				
SELECT TEST: ALB	HON SOILE	it, Orteibi	CALIB	RATION 1	YPF: IIN	IFAR		
SELECT TEST: ALB POINT: 2 SPAI	N POINT: 2		WEIGH	T: 0	<b>L</b> . L			
AUTO CALIBRATION								
	OUT	CHANG	EOVER					
BLANK: 0 HR	LOT: #			SD LIN	<b>/IIT:</b> 0.1			
SPAN: 0 HR		BOTTLE	: #	DUPLI	CATE LIN	<b>/IIT</b> : 10%	75 ABS	
BLANK: 0 HR SPAN: 0 HR 2 POINT: 0 HR				SFNSI	TIVITY RA	ANGF: #	#	
FULL: 0 HR				S1 AB	S RANGE	: -1000		6000
4 DDI 10 4	TION CODE	EN DANO!	- 14/14/100					
 APPLICA SELECT TEST: ALB								
DATA MODE: ON BOAR					V			
CTRL INTERVAL: 1000	U	IINIT: G			INSTE	P FΔCTΩR	: A = 1.0 B	- 0 0
CELECT CAMPLE TAPE:	CED/DI				IIVSTI	K. I ACTON	A – 1.0 D	- 0.0
FXPI	ECTED RANG MALE 3.5-5.3	GFS:			USF (	ITATI IALIC	VE TABLE	
AGE	MALE	OLO.	FFMAI	F		999 <3.0	VL INDLL	
100 YEARS	3.5-5.3		3.5-5.3	_	(1) 2.	(2) 0.0	)	
100 YEARS	3.5-5.3		3.5-5.3			(3) 0.0		
	3.5-5.3		3.5-5.3			(4) 0.0		
						(5) 0.0		
<b>DEFAULT RANGE</b> : OVE	R 100 YEAR	S				(6) 0.0		
<b>DEFAULT SEX</b> : MALE				REPE	AT RANG	E: # - #		
CLASS 1 TECHNICAL RA	<b>ANGE</b> : 0.5-6	.0 CLASS	2 TECHN	ICAL RAI	NGE: -99	999 -99999	)	
 APPLICA		•				······		
<standard></standard>	(1) #	(2)	(3)	(4)	(5)	(6)		
CALIB. CODE:		#						
CONCENTRATION: POSITION:	0.0	# #						
SAMPLE VOLUME:	#		2	2	2	2		
DILUTED S. VOL:	3	3	3	3	3	3		
DILUTED 5. VOL:	0 0	0 0	0 0	0	0	0		
DILUCINI VULUIVICI	U	U	U	U	U	U		

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Instrument Application

Analyzer: Hitachi 912

Test: ALP

Catalog # : HA916-492

	APP	LICATION	I SCRFFN	I. ANAI Y	7F WINDO	OW			
									<b>NT</b> : 00311 0
TES	ECT TEST: AL T NAME: ALP		ASSAY/	TIMF/POI	NT: RATI	F-A 10 2	0 31 0	0	
ΔPF	CODE: # 704		71007117			<b>ARY)</b> : 660			
741	00DL: # 70+			******	Z /1 IXIIVI	7 (1 C). 000	410		
SAN	IPLE VOLUME	CLASS	1 CLASS 2	2		REAGE	NT		
NOF	RMAL:		6		6				<b>R1</b> : 250
DEC	CREASE:		#		#				<b>R2</b> : 0
	REASE:		#		#				<b>R3</b> : 50
							<b>R4</b> : 0		
			CLASS <sup>2</sup>	1 CLASS	2 DEC/IN	IC			
ABS	S. LIMIT:		11000		11000		INCRE	EASE	
PRO	DZONE LIMIT:	0		0		LOWER			
	APF	PLICATIO	N SCREE	N, CALIBI	RATION V	VINDOW			
SEL	ECT TEST: AL NT: 1	_P			CALIBI	ration ty	PE: LIN	EAR	
			OINT: 1		WEIGH	IT: 0			
AUT	O CALIBRATIO								
		TIME OL	JT	CHANG					
BLA	NK: 0 HR		LOT: #			SD LIM			
SPA	N:	0 HR		BOTTLE	: #	DUPLIC	ATE LIN	<b>11T</b> : 10%	100 ABS
2 P(	DINT: 0 HR					SENSIT	IVITY RA	ANGE: #	#
FUL	L:	0 HR				S1 ABS	RANGE	: 0	5800
	AP	PLICATIO	N SCREE	N RANG	F WINDO	\//			
SFI	ECT TEST: AL	P	N SOILL	RFPOR	T NAMF:	ΔΙΡ			
	A MODE: ON								
	RL INTERVAL:	1000		IINIT: I	/(IVIE. /\L  /	•	INSTR	FACTOR	: A = 1.0 B = 0.0
	ECT SAMPLE	TVPF: SE	R/PI	Oluli.	,, L				. 7. 1.0 5 0.
JLL	LOT STAVILLE	FXPFCT	ER/PL FED RANG MALE 35-123 35-123	FS.			LISE (	ΙΤΑΤΙ ΙΑΙΙ(	VE TABLE
	AGE	L/u LOI	MALE	LO.	FFΜΔΙ	F		999 <3.0	VE INDEE
	100 YEA	RS	35-123		35-123	-	(1) 2.	(2) 0.0	
	100 YEA	RS	35 <sub>-</sub> 123		35-123			(3) 0.0	
	100 1270	INO.	35-123 35-123		35-123			(4) 0.0	
			33 123		33 123			(5) 0.0	
DEE	AULT RANGE	· ()\/FR 1	NN YFARS					(6) 0.0	
	AULT SEX: M		OU ILANS	,		BEDEV.	T RANG	(0) 0.0 E: # - #	
	SS 1 TECHNIC		<b>F</b> ∙ 0-1000	OCLASS	2 TECHN				)
02		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<b>52.</b> 0 100.	02,100		107121011	OL:		
	AP	PLICATIO							
	ANDARD>		(1)	(2)	(3)	(4)	(5)	(6)	
	JB. CODE:		#	#					
	NCENTRATION	l:	0						
	SITION:		#						
	IPLE VOLUME	:	6	6	6	6	6	6	
	JTED S. VOL:		0	0	0	0	0	0	
DILI	JENT VOLUME	:	0	0	0	0	0	0	

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Instrument Application

Analyzer: Hitachi 912

Test: ALT

Catalog #: HA926-610

	APPI	LICATION	SCREEN.	ANALYZI	E WINDOV	V				
SEI	LECT TEST: ALT ST NAME: ALT	Т	,	ANALYZI	ER CYCLE	E TIME: 10	SEC	DILUEN	<b>T</b> : 00311	0
TES	ST NAME: ALT		ASSAY/T	IME/POIN	T: RATE-	A 10 20	31 0 0			
AP	P CODE: # 706			WAVE (2	ND/PRIMAI	<b>RY)</b> : 700	340			
SA	MPLE VOLUME	CLASS 1	CLASS 2		10	REAGEN	IT			
	RMAL:		10		10				<b>R1</b> : 250	
DE	CREASE:		#		#				<b>R2</b> : 0	
INC	CREASE:		#		#				<b>R3</b> : 50	
							<b>R4</b> : 0			
				CLASS 2						
	S. LIMIT:		5500		5500		INCREAS	SE		
PR	OZONE LIMIT:	0		0		LOWER				
	APP	LICATION	SCREEN	, CALIBR	ATION WII	NDOW				
PO	Lect test: Al <sup>*</sup> Int: 1	SPAN PO	INT: 1		WEIGHT:	0				
	TO CALIBRATIO	ON								
		TIME OUT								
BL	<b>ANK</b> : 0 HR		LOT: #			SD LIMIT	: 0.1			
SPA	AN:	0 HR		BOTTLE:	#	DUPLICA	TE LIMIT:	: 10%	100 ABS	
	OINT: 0 HR	0.110					/ITY RANG			0000
FUI	LL:	0 HR				ST ABS I	RANGE: 8	3300		20000
	API	PLICATION	N SCREEN	I RANGE	WINDOW					
				1, IVAI10L	VVIIVDCVV					
SEI	LECT TEST: AL	Т		REPORT	NAME: A	LT				
SEI DA	LECT TEST: ALT TA MODE: ON E	T Board		REPORT TEST NA	NAME: A ME: ALT	LT				
SEI DA CTI	LECT TEST: AL T <b>A MODE</b> : ON E RL INTERVAL: ´	T Board 1000		REPORT TEST NA	<b>name</b> : A <b>Me</b> : Alt	LT			A = 1.0 B =	= 0.0
SEI DA CTI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1	T Board 1000 <b>Fype</b> : Sei	R/PL	REPORT TEST NA UNIT: U/I	<b>NAME</b> : A <b>ME</b> : ALT L	LT	INSTR. F	ACTOR:	A = 1.0 B =	= 0.0
SEI DA CTI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1	T Board 1000 <b>Fype</b> : Sei	R/PL	REPORT TEST NA UNIT: U/I	<b>NAME</b> : A <b>ME</b> : ALT L	LT	INSTR. F	ACTOR:	A = 1.0 B =	= 0.0
SEI DA CTI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE	T Board 1000 <b>Type</b> : Sef <b>Expecte</b>	R/PL E <b>D RANGI</b> MALE	REPORT TEST NA UNIT: U/I	NAME: A ME: ALT L FEMALE	LT	INSTR. F	ACTOR: ALITATIV 0 <3.0	A = 1.0 B =	= 0.0
SEI DA CTI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF	T Board 1000 <b>Type</b> : Sef <b>Expecte</b> RS	R/PL E <b>D RANGI</b> MALE 4-36	REPORT TEST NA UNIT: U/I	NAME: A ME: ALT L FEMALE 4-36	LT	INSTR. F USE QU/ (1) 2.999	ACTOR: ALITATIV 0 <3.0 (2) 0.0	A = 1.0 B =	= 0.0
SEI DA CTI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF	T Board 1000 Type: Sei Expecte RS	R/PL E <b>D RANGI</b> MALE 4-36 4-36	REPORT TEST NA UNIT: U/I	NAME: A ME: ALT L FEMALE 4-36 4-36	LT	INSTR. F USE QU/ (1) 2.999	ACTOR: ALITATIV 9 <3.0 (2) 0.0 (3) 0.0	A = 1.0 B =	= 0.0
SEI DA CTI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF	T Board 1000 Type: Sei Expecte RS	R/PL E <b>D RANGI</b> MALE 4-36 4-36	REPORT TEST NA UNIT: U/I	NAME: A ME: ALT L FEMALE 4-36 4-36	LT	INSTR. F USE QU/ (1) 2.999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0	A = 1.0 B =	= 0.0
SEI DA CTI SEI	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF 100 YEAF	T Board 1000 <b>Type</b> : Sef <b>Expecte</b> RS	R/PL E <b>D RANGI</b> MALE 4-36 4-36 4-36	REPORT TEST NA UNIT: U/I	NAME: A ME: ALT L FEMALE 4-36 4-36	LT	INSTR. F USE QU/ (1) 2.999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0	A = 1.0 B =	= 0.0
SEI DA CTI SEI DE	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF 100 YEAF	T Board 1000 Type: Sei Expecte RS RS	R/PL E <b>D RANGI</b> MALE 4-36 4-36 4-36	REPORT TEST NA UNIT: U/I	NAME: A ME: ALT L FEMALE 4-36 4-36	LT	INSTR. F USE QU/ (1) 2.999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0	A = 1.0 B =	= 0.0
SEI DA CTI SEI DE	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF 100 YEAF	T Board 1000 Type: Sef Expecte RS RS Over 10	R/PL E <b>D RANGI</b> MALE 4-36 4-36 4-36 0 YEARS	REPORT TEST NA UNIT: U/I	NAME: ALT L FEMALE 4-36 4-36 4-36	LT REPEAT	INSTR. F USE QUA (1) 2.999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - #	A = 1.0 B =	= 0.0
SEI DA CTI SEI DE	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF 100 YEAF FAULT RANGE: FAULT SEX: MA	T BOARD 1000 IYPE: SEF EXPECTE RS RS OVER 10 ALE AL RANGI	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700	REPORT TEST NA UNIT: U/I ES:	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC	REPEAT AL RANG	INSTR. F  USE QUA (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - #	A = 1.0 B =	= 0.0
SEI DA' CTI SEI DE DE CL	LECT TEST: ALTA MODE: ON ERLINTERVAL:  AGE 100 YEAF 100 YEAF FAULT RANGE: FAULT SEX: MAASS 1 TECHNIC.	T BOARD 1000 1YPE: SEF EXPECTE RS OVER 10 ALE AL RANGI	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700	REPORT TEST NA UNIT: U/I ES: CLASS 2	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC	REPEAT AL RANG	INSTR. F  USE QUI  (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - # 0 -99999	A = 1.0 B =	= 0.0
SEI DA' CTI SEI DE CL	LECT TEST: ALTA MODE: ON E RL INTERVAL: TALECT SAMPLE TO THE TALECT SAMPLE TO THE TALECT SAMPLE TO THE TALECT SEX: MARSS 1 TECHNIC	T BOARD 1000 1YPE: SEI EXPECTE RS OVER 10 ALE AL RANGI	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700 N SCREEN	REPORT TEST NA UNIT: U/I ES: CLASS 2 N, OTHER! (2)	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC	REPEAT AL RANG	INSTR. F  USE QUA (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - #	A = 1.0 B =	= 0.0
SEI DA' CTI SEI DE DE CL	LECT TEST: ALTA MODE: ON E RL INTERVAL: A LECT SAMPLE T  AGE 100 YEAF 100 YEAF  FAULT RANGE: FAULT SEX: MA ASS 1 TECHNIC  TANDARD> LIB. CODE:	T BOARD 1000 IYPE: SEI EXPECTE RS OVER 10 ALE AL RANGI	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700 N SCREEN (1) #	REPORT TEST NA UNIT: U/I ES: CLASS 2	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC	REPEAT AL RANG	INSTR. F  USE QUI  (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - # 0 -99999	A = 1.0 B =	= 0.0
SEI DA CTI SEI DE CL	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF 100 YEAF FAULT RANGE: FAULT SEX: MA ASS 1 TECHNIC	T BOARD 1000 IYPE: SEI EXPECTE RS OVER 10 ALE AL RANGI	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700 N SCREEN (1) # 0	REPORT TEST NA UNIT: U/I ES: CLASS 2 N, OTHER! (2)	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC	REPEAT AL RANG	INSTR. F  USE QUI  (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - # 0 -99999	A = 1.0 B =	= 0.0
SEI DA CTI SEI DE CL	LECT TEST: AL TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE T  AGE 100 YEAF 100 YEAF  FAULT RANGE: FAULT SEX: M/ ASS 1 TECHNIC	T BOARD 1000 TYPE: SEF EXPECTE RS OVER 10 ALE AL RANGI PLICATION	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700 N SCREEN (1) # 0 #	REPORT TEST NA UNIT: U/I ES: CLASS 2 N, OTHER: (2) #	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC S WINDOX (3)	REPEAT AL RANG W(4)	INSTR. F  USE QUI  (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - # 0 -99999	A = 1.0 B =	= 0.0
SEI DA CTI SEI DE CL/ <st CA CO PO SAI</st 	LECT TEST: AL' TA MODE: ON E RL INTERVAL: 1 LECT SAMPLE 1 AGE 100 YEAF 100 YEAF FAULT RANGE: FAULT SEX: MA ASS 1 TECHNIC	T BOARD 1000 1YPE: SEF EXPECTE RS OVER 10 ALE AL RANGI PLICATION	R/PL ED RANGI MALE 4-36 4-36 4-36 0 YEARS E: 0-700 N SCREEN (1) # 0	REPORT TEST NA UNIT: U/I ES: CLASS 2 N, OTHER! (2)	NAME: ALT FEMALE 4-36 4-36 4-36 TECHNIC	REPEAT AL RANG	INSTR. F  USE QUI  (1) 2.999  RANGE: E: -99999	ACTOR: ALITATIV 0 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 # - # 0 -99999	A = 1.0 B =	= 0.0

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912

Test: AMMONIA Catalog # : A7553

APPLICA	TION SODEEN	ΙΛΝΛΙ	V7E WIND	ωωw				
 SELECT TEST: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MION SCREEN	I, ANAL ΛΝΛΙ	V7ED CVC	) E TIME:	10 SEC	DILLIE	NT: 00211	Λ
SELECT TEST: AMMO TEST NAME: AMMON APP CODE: # User defi	IV	VCCV	V/TIME/DC	NNT. 2 DA	10 3LC NNT 10	16 21 O	.INT. 00311	U
ADD CODE: # Hoor dof	nod	ASSA	.1/111VIE/PC	/1000/DDIA	ANDVA. 25	10 31 0	U	
APP CODE: # User dell	nea		WAVE	. (ZND/PRIIN	MARY): 37	0 340		
SAMPLE VOLUME CLA	ASS 1 CLASS 2	2		REAG	ENT			
	40		40				<b>R1</b> : 230	
DECREASE:	#		#				<b>R2</b> : 0	
INCREASE:							<b>R3</b> : 10	
INOREAGE.	"		"		<b>R4</b> : 0		10. 10	
	CL ASS 1	1 (1 45	S 2 DEC/IN	VIC.	114. 0			
ARC LIMIT:	5500	CLAS	5500	VO.	INICDE	INCE		
ABS. LIMIT: PROZONE LIMIT: 0	3300	0	3300	LOWE		LASL		
PROZUME LIMIT: 0		U		LOWE	.K			
 APPLIC	ATION SCREEN	N, CALII	BRATION	WINDOW-				
SELECT TEST: AMMORPOINT: 2 SPA	AN POINT: 2		WFIGH	HT: 0				
AUTO CALIBRATION								
	E OUT	CHAN	GEOVER					
				SDTI	<b>/IIT</b> ∙ ∩ 1			
BLANK: 0 HR SPAN: 0 H	D LO1. #	R∩TT	I E · #	DI IDI	MIT. O.T	/IIT. 1∩%	100 ARS	
2 POINT: 0 HR	N.	ВОТП	LE. #	CENC	ICATE LIIV	MCE. #	100 ABS	
	n			SEIVS	IIIVII I KA	NGE: #	#	2000
FULL: 0 H	К			STAB	S KANGE	: -1500		3000
 APPLIC	ATION SCREE	N, RAN	GE WINDO	)W				
SELECT TEST: AMMO	N	REPO	RT NAME:	: AMMON	IA			
DATA MODE: ON BOA	RD	TEST	NAMF: AN	MMON				
CTRL INTERVAL: 1000					INSTR	FACTOR	P A = 10 B	= 0.0
SELECT SAMPLE TYPE		OIVIII.	OWOLL		114511		. N = 1.0 B	- 0.0
	PECTED RANG	FÇ.			LISE	πατι ιαι ι	IVE TABLE	
			FEMAI	1 [		999 <3.0	IVL IADEL	
AGE 100 VEADS	11 2E		11 2E	LC	(1) 2.		1	
100 YEARS	11-33		11-35			(2) 0.0	)	
100 YEARS	11-35 11-35 11-35		11-35			(3) 0.0	)	
	11-35		11-35			(4) 0.0		
						(5) 0.0		
DEFAULT RANGE: OV DEFAULT SEX: MALE	ER 100 YEARS	•				(6) 0.0		
DEFAULT SEX: MALE				REPE		E: # - #		
CLASS 1 TECHNICAL F	<b>RANGE</b> : 0-600	CLAS	S 2 TECHN	VICAL RA	NGE: -999	999 -9999	9	
ADDI IC	ATION CODEE	N OTH	EDC WIND	NOW.				
 APPLIC <standard></standard>	ATION SCREE (1)	м, ОТН (2)	EKS WIND	(4)	(5)	(6)		
CALIB. CODE:	(1) #	( <del>2</del> ) #	(3)	(+)	(3)	(0)		
CONCENTRATION:		#						
	0.0							
POSITION:	#	#	40	40	40	40		
SAMPLE VOLUME:	40	40	40	40	40	40		
DILUTED S. VOL:	0	0	0	0	0	0		
DILUENT VOLUME:	0	0	0	0	0	0		

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

It is recommended that two levels of control material be assayed daily.

**Instrument Application** 

Analyzer: Hitachi 912

Test: AMYLASE

Catalog #: HA965-324

	DILUENT: 00311 0
SELECT TEST: AMY ANALYZER CYCLE TIME: 10 SEC TEST NAME: AMY ASSAY/TIME/POINT: RATE-A 10 10 16 0 (	)
<b>APP CODE</b> : # 566 <b>WAVE (2ND/PRIMARY)</b> : 700 415	
SAMPLE VOLUME CLASS 1 CLASS 2 REAGENT	
NORMAL: 6 6 DECREASE: # #	<b>R1</b> : 250
	<b>R2</b> : 0
INCREASE: # #	<b>R3</b> : 50
R4: 0	
CLASS 1 CLASS 2 DEC/INC	ACE
ABS. LIMIT: 13000 13000 INCRE PROZONE LIMIT: 0 0 LOWER	ASE
PROZONE LIMIT: 0 0 LOWER	
APPLICATION SCREEN, CALIBRATION WINDOW	
SELECT TEST: AMY CALIBRATION TYPE: LIN'	EAR
SELECT TEST: AMY CALIBRATION TYPE: LIN POINT: 1 SPAN POINT: 1 WEIGHT: 0	
AUTO CALIBRATION	
TIME OUT CHANGEOVER	
BLANK: 0 HR LOT: # SD LIMIT: 0.1	
	IT. 100/ 100 ADC
SPAN: 0 HR BOTTLE: # DUPLICATE LIM	II. 10% 100 ADS
2 POINT: 0 HR SENSITIVITY RA	NGE: # #
SPAN: 0 HR BOTTLE: # DUPLICATE LIM 2 POINT: 0 HR SENSITIVITY RA FULL: 0 HR S1 ABS RANGE:	NGE: # #
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	.NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	.NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 .FACTOR: A = 1.0 B = 0 !UALITATIVE TABLE !99 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 .FACTOR: A = 1.0 B = 0 !UALITATIVE TABLE !99 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0
FULL: 0 HR S1 ABS RANGE:	NGE: # # E 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # E 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # E 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # E 0 4900
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 .FACTOR: A = 1.0 B = 0 .UALITATIVE TABLE .99 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 .E: # - # .99 -99999
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900 .FACTOR: A = 1.0 B = 0 .UALITATIVE TABLE .99 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 .E: # - # .99 -99999
FULL: 0 HR S1 ABS RANGE:  APPLICATION SCREEN, RANGE WINDOW	NGE: # # : 0 4900 .FACTOR: A = 1.0 B = 0 .UALITATIVE TABLE .99 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 .E: # - # .99 -99999
FULL: 0 HR S1 ABS RANGE:	NGE: # # : 0 4900  .FACTOR: A = 1.0 B = 0  .UALITATIVE TABLE .99 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0
FULL: 0 HR S1 ABS RANGE:	NGE: # # E 0 4900

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912

Test: ASO

Catalog #: A7566

APPLICATIO	ON SCREEN	N, ANALY	ZE WIND	OW			
SELECT TEST: ASO		ANALY	ZER CYC	CLE TIME:	10 SEC	DILUE	<b>NT</b> : 00311 0
TEST NAME: ASO	ASSAY	TIME/PO	INT:				
APP CODE: # User defined			WAVE	(2 <sup>ND</sup> /PRIN	<b>MARY)</b> : 70	00 340	
SAMPLE VOLUME CLASS	S 1 CL ASS	2		RFΔG	FNT		
		_	15	I L			<b>R1</b> : 250
							<b>R2</b> : 0
							<b>R3</b> : 50
					<b>R4</b> : 0		
	CLASS	1 CLASS	2 DEC/II	NC			
ABS. LIMIT:					INCRE	EASE	
PROZONE LIMIT:				LOWE	:R		
		N, CALIB					
	D∩INIT.				IPE. LIIV	EAK	
	POINT.		WEIGI	11. 0			
	NIT	CHANG	EUNED				
			JEOVEIN		<b>/IIT</b> ∙ 0.1		
			F· #			IIT∙ 10%	1000 ARS
		DOTTE	L. "				
FULL: 0 HR							"
4 D D L L O A T							
CELECT TEST ASS							
SELECT TEST: ASU		KEPUK	CINAIVIE:	ASU			
CTDI INTEDVAL: 1000		I EST IV	IAIVIE. A.		INICTE	EACTOD	· Λ _ 1 Λ P _ Λ (
		OIVII.	J/IVIL		IIISTN	I ACTON	. A - 1.0 D - 0.0
		SFS.			LISE C	ΝΙΔΙ ΙΤΔΤΙ	VF TARI F
			FFMAI	F			VE INDEE
					(1) 2		1
100 121 1110							
<b>DEFAULT RANGE</b> : OVER	100 YEARS	S					
<b>DEFAULT SEX</b> : MALE				REPE	AT RANG		
CLASS 1 TECHNICAL RAN	<b>IGE</b> : 50-10	00	CLAS	S 2 TECHI	NICAL RA	NGE: -999	99 -99999
ADDITOAT	IONI CODEI	N OTHE	DC WIND	,OW			
						(6)	
			(3)	(7)	(3)	(0)	
	==		15	15	15	15	
DILUTED S. VOL:	0	0	0	0	0	0	
	SELECT TEST: ASO TEST NAME: ASO APP CODE: # User defined  SAMPLE VOLUME CLASS NORMAL: DECREASE: INCREASE: INCREASE: INCREASE: ABS. LIMIT: PROZONE LIMIT: PROZONE LIMIT: SELECT TEST: ASO POINT: SPANI AUTO CALIBRATION TIME OF THE SPANI: OF THE SELECT TEST: ASO DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: SEXPECT AGE AGE 100 YEARS  DEFAULT RANGE: OVER DEFAULT SEX: MALE CLASS 1 TECHNICAL RANGE: OVER DEFAULT SEX: MALE	SELECT TEST: ASO TEST NAME: ASO ASSAY/ APP CODE: # User defined  SAMPLE VOLUME CLASS 1 CLASS NORMAL: 15 DECREASE: # INCREASE: # INCREASE: #  CLASS ABS. LIMIT: PROZONE LIMIT: PROZONE LIMIT:	SELECT TEST: ASO ASSAY/TIME/POI APP CODE: # User defined  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 15 DECREASE: # INCREASE: # INCREASE: # INCREASE: #  CLASS 1 CLASS  ABS. LIMIT: PROZONE LIMIT:  PROZONE LIMIT:	SELECT TEST: ASO TEST NAME: ASO APP CODE: # User defined  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 15 DECREASE:   # # INCREASE: # #  CLASS 1 CLASS 2 DEC/INT  ABS. LIMIT: PROZONE LIMIT:	SELECT TEST: ASO TEST NAME: ASO APP CODE: # User defined  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 15 DECREASE: # # INCREASE: # # INCREASE: # #  CLASS 1 CLASS 2 DEC/INC  ABS. LIMIT: PROZONE LIMIT: LOWE	SELECT TEST: ASO	APP CODE: # User defined

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

**Instrument Application** 

Analyzer: Hitachi 912

Test: AST

Catalog # : HA961-610

APPLICA	TION SCREEN	, analyz	E WINDOV	V				
SELECT TEST: AST TEST NAME: AST		ANALYZ	ER CYCLE	ETIME: 1	0 SEC	DILUEN	T: 00311	0
TEST NAME: AST	ASSAY/	FIME/POIN	T: RATE-	A 10 20	31 0 0			
APP CODE: # 715		WAVE (2	ND/PRIMAI	RY): /00	340			
SAMPLE VOLUME CL <i>A</i> NORMAL:	ASS 1 CLASS 2	2	10	REAGEN	IT			
			10				<b>R1</b> : 250	
DECREASE:	#		#				<b>R2</b> : 0	
INCREASE:	#		#		<b>D</b> 4 0		<b>R3</b> : 50	
	CL ACC 1		DEC/INC		<b>R4</b> : 0			
ABS. LIMIT:	<b>CLASS</b> 1 5500	CLASS 2			INCREAS	SE.		
PROZONE LIMIT: 0	5500	0	3300	LOWER		JL		
TROZONE LIMIT.		U		LOWLK				
APPLICA								
SELECT TEST: AST POINT: 1 SPA			CALIBRA	ATION TYI	PE: LINE	\R		
	NN POINT: 1		WEIGHT:	: 0				
AUTO CALIBRATION	E OUT	CHANCE	OVED					
BLANK: 0 HR	E OUT	CHANGE		SD LIMIT	· n 1			
SPAN: 0 H	LO1. #					. 10%	100 ARS	
2 <b>POINT</b> : 0 HR	`	DOTTLE.	"	SENSITI	VITY RAN	GF: #	#	
FULL: 0 HF	3						"	20000
APPLIC	ATION SCREE	N, RANGE	WINDOW	'				
SELECT TEST: AST DATA MODE: ON BOAH	<b>3</b> D	REPURI	NAME: A	121				
CTDI INTEDVAL: 1000	KD	I EST INA	IVIE: ASI		INISTD F	Λ.Τ.Ο.	A = 1.0 B =	- 0 0
CTRL INTERVAL: 1000 SELECT SAMPLE TYPE	· SFR/PI	OIVII. O	L		INSTIC. I	ACTOR.	A - 1.0 D -	- 0.0
		FS:			USF OU	AI ITATIV	E TABLE	
AGE	PECTED RANG MALE		FEMALE		(1) 2.999	9 < 3.0		
100 YEARS	5-34		5-34		( )	(2) 0.0		
100 YEARS	5-34					(3) 0.0		
	5-34		5-34			(4) 0.0		
						(5) 0.0		
DEFAULT RANGE: OVI	ER 100 YEARS			DEDEAT	DANCE	(6) 0.0		
DEFAULT SEX: MALE	ANOE 0.700	01.400.0	TEOLINIO		RANGE:			
CLASS 1 TECHNICAL R	<b>ANGE</b> : 0-700	CLASS 2	TECHNIC	AL RANG	iE: -99999	9 -99999		
APPLIC	ATION SCREE	N. OTHER	S WINDO\	N				
<standard></standard>	(1)	(2)	(3)	(4)	(5)	(6)		
CALIB. CODE:	#	#		· •		• •		
CONCENTRATION:	0							
POSITION:	#							
SAMPLE VOLUME:	10	10	10	10	10	10		
DILUTED S. VOL:	0	0	0	0	0	0		
DILUENT VOLUME:	0	0	0	0	0	0		

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Instrument Application

Analyzer: Hitachi 912
Test: DIRECT BILIRUBIN
Catalog # : HB936-294

						•		
APPLICATIO	NI SCDEE	'ΝΙ ΑΝΙΑΙ Ν	/7F W/MD	ΟW				
SELECT TEST: DBIL	IN SCILL	ANAL'	ZER CYC	CLE TIME:	10 SEC	DILUE	<b>NT</b> : 00311	0
SELECT TEST: DBIL TEST NAME: DBIL	ASSAY	//TIME/PO	INT: 2-PC	DINT 10	16 31 0	0		
APP CODE: # User defined			WAVE	(2ND/PRIM	<b>//ARY)</b> : 66	50 570		
SAMPLE VOLUME CLASS		52		REAG	ENT			
NORMAL:	20		20				<b>R1</b> : 250	)
DECREASE:	#		#				<b>R2</b> : 0	
INCREASE:	#		#		<b>R4</b> : 0		<b>R3</b> : 65	
	CLASS	1 (1 // //	S 2 DEC/IN	JC	<b>K4.</b> U			
ABS. LIMIT:	20000	) I CLAS	20000		INCRE	EASE		
PROZONE LIMIT: 0	20000	0	20000	LOWE		INOL		
		ŭ		20112				
 APPLICATIO	ON SCREE	EN, CALIE	RATION \	WINDOW:				
SELECT TEST: DBIL	POINT: 2		CALIB	RATION	TYPE: LIN	IEAR		
POINT: 2 SPAN F	POINT: 2		WEIGH	<b>HT</b> : 0				
AUTO CALIBRATION								
	UT		GEOVER	CDIII	<b>ЛІТ</b> . О 1			
BLANK: 0 HR SPAN: 0 HR	LOT: #		.E: #		MIT: 0.1	MT. 100/	200 ABS	2
2 POINT: 0 HR		BUILL	.E. #			NGE: #		5
FULL: 0 HR						: -100		1500
 APPLICATI	ON SCRE	EN, RANG	GE WINDO	)W				
SELECT TEST: DBIL  DATA MODE: ON BOARD  CTRL INTERVAL: 1000		REPOI	RT NAME:	DIRECT	<b>BILIRUBI</b>	V		
<b>DATA MODE</b> : ON BOARD		TEST I	NAME: DE	3IL				
CIRCINIERVAL. 1000		UNIT:	MG/DL		INSTR	R. FACTOR	A = 1.0 E	B = 0.0
SELECT SAIVIPLE TYPE: S	EK/PL							
	TED RAN	GES:		_			VE TABLE	
AGE 100 YEARS	MALE		FEMAI 0.0-0.5		(1) 2.9	999 <3.0	1	
100 YEARS	0.0-0.5					(2) 0.0 (3) 0.0		
100 TEARS	0.0-0.5		0.0-0.5			(4) 0.0		
	0.0 0.5		0.0 0.0	•		(5) 0.0		
<b>DEFAULT RANGE</b> : OVER	100 YEAR	!S				(6) 0.0		
DEFAULT SEX: MALE				REPE	AT RANG	E: # - #		
CLASS 1 TECHNICAL RAN	IGE: 0.0-2	20.0	CLASS	S 2 TECH	VICAL RA	NGE: -999	99999	
 APPLICATI								
<standard></standard>	(1) #	<b>(2)</b>	(3)	(4)	(5)	(6)		
CALIB. CODE: CONCENTRATION:	# 0.0	# #						
POSITION:	U.U #	#						
SAMPLE VOLUME:	# 20	# 20	20	20	20	20		
DILUTED S. VOL:	0	0	0	0	0	0		
DILUENT VOLUME:	0	0	0	0	0	0		
	-	-	-	-	-	-		

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**Instrument Application** 

Analyzer: Hitachi 912
Test: UREA NITROGEN
Catalog #: HB952-1020

------APPLICATION SCREEN, ANALYZE WINDOW------SELECT TEST: UN **ANALYZER CYCLE TIME: 10 SEC DILUENT**: 00311 0 ASSAY/TIME/POINT: 2-POINT 10 19 24 0 0 TEST NAME: UN APP CODE: # **WAVE (2ND/PRIMARY)**: 376 340 SAMPLE VOLUME CLASS 1 CLASS 2 REAGENT NORMAL: R1: 250 DECREASE: # # **R2**: 0 INCREASE: R3: 150 **R4**: 0 **CLASS 1 CLASS 2** DEC/INC ABS. LIMIT: **INCREASE** 7000 PROZONE LIMIT: 0 **LOWER** ------APPLICATION SCREEN, CALIBRATION WINDOW------SELECT TEST: UN **CALIBRATION TYPE: LINEAR SPAN POINT**: 2 WEIGHT: 0 POINT: 2 **AUTO CALIBRATION** TIME OUT **CHANGEOVER** BLANK: 0 HR LOT: # SD LIMIT: 0.1 SPAN: 0 HR BOTTLE: # **DUPLICATE LIMIT: 10%** 100 ABS 2 POINT: 0 HR SENSITIVITY RANGE: # FULL: 0 HR S1 ABS RANGE: 0 20000 ------APPLICATION SCREEN, RANGE WINDOW------SELECT TEST: UN **REPORT NAME: UREA NITROGEN** DATA MODE: ON BOARD TEST NAME: UN CTRL INTERVAL: 1000 UNIT: MG/DL **INSTR. FACTOR:** A = 1.0 B = 0.0**SELECT SAMPLE TYPE:** SER/PL **USE QUALITATIVE TABLE EXPECTED RANGES:** AGE MALE FEMALE (1) 2.999 < 3.0100 YEARS 7-18 7-18 (2) 0.0(3) 0.0100 YEARS 7-18 7-18 7-18 (4) 0.0(5) 0.0**DEFAULT RANGE**: OVER 100 YEARS (6) 0.0**DEFAULT SEX:** MALE REPEAT RANGE: # - # CLASS 2 TECHNICAL RANGE: -99999 -99999 CLASS 1 TECHNICAL RANGE: 0.0-150.0 -----APPLICATION SCREEN, OTHERS WINDOW-----<STANDARD> (1) CALIB. CODE: CONCENTRATION: 0 POSITION: SAMPLE VOLUME: DILUTED S. VOL: 0 0 0 0 0 **DILUENT VOLUME:** 

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Instrument Application

Analyzer: Hitachi 912
Test: TOTAL BILIRUBIN
Catalog #: HB979-693

------APPLICATION SCREEN, ANALYZE WINDOW------**SELECT TEST: TBIL ANALYZER CYCLE TIME: 10 SEC DILUENT**: 00311 0 ASSAY/TIME/POINT: 2-POINT 10 15 0 0 0 TEST NAME: TBIL APP CODE: # User defined **WAVE (2ND/PRIMARY)**: 660 570 SAMPLE VOLUME CLASS 1 CLASS 2 REAGENT NORMAL: 10 10 R1: 250 DECREASE: # # **R2**: 0 INCREASE: R3: 65 **R4**: 0 **CLASS 1 CLASS 2 DEC/INC** ABS. LIMIT: **INCREASE** 20000 20000 PROZONE LIMIT: 0 **LOWER** ------APPLICATION SCREEN, CALIBRATION WINDOW------SELECT TEST: TBIL **CALIBRATION TYPE: LINEAR** SPAN POINT: 2 POINT: 2 WEIGHT: 0 **AUTO CALIBRATION** TIME OUT **CHANGEOVER** LOT: # BLANK: 0 HR SD LIMIT: 0.1 SPAN: 0 HR BOTTLE: # **DUPLICATE LIMIT**: 10% 200 ABS 2 POINT: 0 HR SENSITIVITY RANGE: # FULL: 0 HR S1 ABS RANGE: -100 1500 ------APPLICATION SCREEN, RANGE WINDOW------**SELECT TEST: TBIL REPORT NAME: TOTAL BILIRUBIN** DATA MODE: ON BOARD TEST NAME: TBIL CTRL INTERVAL: 1000 UNIT: MG/DL **INSTR. FACTOR:** A = 1.0 B = 0.0**SELECT SAMPLE TYPE:** SER/PL **USE QUALITATIVE TABLE EXPECTED RANGES:** AGE MALE FEMALE (1) 2.999 < 3.0100 YEARS 0.2 - 1.20.2 - 1.2(2) 0.0(3) 0.0100 YEARS 0.2-1.2 0.2 - 1.2(4) 0.00.2 - 1.20.2 - 1.2(5) 0.0**DEFAULT RANGE**: OVER 100 YEARS (6) 0.0**DEFAULT SEX:** MALE REPEAT RANGE: # - # CLASS 2 TECHNICAL RANGE: -99999 -99999 CLASS 1 TECHNICAL RANGE: 0.0-20.0 -----APPLICATION SCREEN, OTHERS WINDOW-----<STANDARD> (1) CALIB. CODE: CONCENTRATION: 0.0 POSITION: SAMPLE VOLUME: 10 10 10 10 DILUTED S. VOL: 0 0 0 0 0 0 DILUENT VOLUME:

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912

Test: CALCIUM

Catalog # : HC902-1000

 APPLICATIO	N SCREEN	I. ANAI Y7F WINDO	)W			
SELECT TEST: CA	<b>ANALYZ</b>	ZER CYCLE TIME:	10 SEC	DILUE	NT: 00311	
TEST NAME: CA APP CODE: # 180	ASSAY/	TIME/POINT: 2-PO WAVE (2 <sup>ND</sup> /PRIM				
ATT CODE. # 100		VV/ V (2 /1 1 (11 VI)	11(1). 700	000		
SAMPLE VOLUME CLASS			REAGE	INT		<b>D4</b> 050
NORMAL: DECREASE:	3 #	3 #				<b>R1</b> : 250 <b>R2</b> : 0
INCREASE:	#	#				R3: 100
				<b>R4</b> : 0		
ADC LIMIT		1 CLASS 2 DEC/IN		INCDE	ACE	
ABS. LIMIT: PROZONE LIMIT: 0	Ü	0	LOWER	INCRE	ASE	
TROZONE LIMIT. 0		O	LOVVLI	`		
 APPLICATIO						
SELECT TEST: CA POINT: 2 SPAN F	OINT. 1	CALIBRATION TY	/PE: LINE	AR		
AUTO CALIBRATION	OINT: Z	WEIGH	1: 0			
TIME O	UT	CHANGEOVER				
BLANK: 0 HR	LOT: #					
SPAN: 0 HR		BOTTLE: #	DUPLIC		IIT: 10% .NGE: #	100 ABS
<b>2 POINT</b> : 0 HR <b>FULL</b> : 0 HR				RANGE		# 7000
 APPLICATIO						
SELECT TEST: CA DATA MODE: ON BOARD		TEST NAME: CA				
CTRL INTERVAL: 1000		UNIT: MG/DL		INSTR	. FACTOR	A = 1.0 B = 0.0
SELECT SAMPLE TYPE: S	FR/PI					
EXPEC	TED RANG	SES: FEMAL	г	USE C	UALITATI	VE TABLE
AGE 100 YEARS	NALE 8 5-10 4	8.5-10.4	E !	(1) 2.9	999 <3.0 (2) 0.0	
		8.5-10.4			(3) 0.0	
		8.5-10.4	ļ		(4) 0.0	
DEFAULT RANGE: OVER	100 VE ADO				(5) 0.0	
DEFAULT SEX: MALE	IUU YEARS	•	RFPFΔ	T RANGE	(6) 0.0 E: # - #	
CLASS 1 TECHNICAL RAN	<b>GE</b> : 0.0-15	.0 CLASS				99 -99999
 APPLICATI( <standard></standard>	ON SCREE (1)	:N, OTHERS WINDO (2) (3)	OW (4)	 (5)	(6)	
CALIB. CODE:	(1) #	(2) (3) #	(4)	(3)	(0)	
CONCENTRATION:	0.0	#				
POSITION:	#	#				
SAMPLE VOLUME:	3	3 3	3	3	3	
DILUTED S. VOL: DILUENT VOLUME:	0 0	0 0	0	0 0	0 0	
DIEGETT TOLONIE.	•		•	•	•	

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912
Test: CHOLESTEROL
Catalog #: HC910-1000

<b>ILUENT</b> : 00311 0 □ 0 0
<b>R1</b> : 250
<b>R2</b> : 0
<b>R3</b> : 0
0% 200 ABS
: # #
4000
STOR: $A = 1.0 B = 0.0$
TOR: A = 1.0 B = 0.0
TATIVE TABLE
<b>TATIVE TABLE</b> 3.0
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TATIVE TABLE 3.0 2) 0.0 3.0 3.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 6) 0.0 7- #
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TATIVE TABLE 3.0 2) 0.0 3) 0.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 7) 0.0 7) 0.0 7) 0.0
TATIVE TABLE 3.0 2) 0.0 3.0 3.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 6) 0.0 7- #
TATIVE TABLE 3.0 2) 0.0 3) 0.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 7) 0.0 7) 0.0 7) 0.0
TATIVE TABLE 3.0 2) 0.0 3) 0.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 7) 0.0 7) 0.0 7) 0.0
TATIVE TABLE 3.0 2) 0.0 3) 0.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 7) 0.0 7) 0.0 7) 0.0
TATIVE TABLE 3.0 2) 0.0 3) 0.0 4) 0.0 5) 0.0 6) 0.0 6) 0.0 7) 0.0 7) 0.0 7) 0.0

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Instrument Application

Analyzer: Hitachi 912

Test: CO2

Catalog #: HC704

APPL	ICATION SCREEN	I, ANALYZ	E WIND	OW			
SELECT TEST: CO TEST NAME: CO2	2	ANALYZ	ER CYC	LE TIME:	10 SEC	DILUE	<b>NT</b> : 00311 0
TEST NAME: CO2	ASSAY/	TIME/POIN	IT:				
APP CODE: # User	defined		WAVE	(2 <sup>ND</sup> /PRIM	<b>IARY)</b> : 37	76 340	
SAMPLE VOLUME	CLASS 1 CLASS	2		REAG	FNT		
NORMAL:	3		3				<b>R1</b> : 300
DECREASE:			#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 0
					<b>R4</b> : 0		
	CLASS	1 CLASS 2	DEC/IN	1C			
ABS. LIMIT:					INCRE	EASE	
PROZONE LIMIT:	0	0		LOWE	R		
APP	I ICATION SCREE	N CALIRD	ΑΤΙΩΝΙ \	WINDOW.			
SELECT TEST: CO.		IN, CALIDIN		RATION T			
	SPAN POINT:				. L. L.	IL/ II C	
AUTO CALIBRATIO				0			
	TIME OUT	CHANGI	OVER				
BLANK: 0 HR				SD LIN	<b>IIT:</b> 0.1		
SPAN:			: #	DUPLI	CATE LIN	<b>/IIT</b> : 10%	200 ABS
2 POINT: 0 HR						ANGE: #	
FULL:	0 HR			S1 AB	S RANGE	:	
АРР	DI ICATION SCDEE	N DANCE	: WINDO	)\ <i>\</i> /			
SELECT TEST: CO.	2	IN, KANGE PFP∩P1	. MAME:	. CO2			
DATA MODE: ON B	Z ROARD	TFST NA	MF: C	72			
CTRL INTERVAL: 1	000	UNIT: M	FO/I	<i>32</i>	INSTR	. FACTOR	: A = 1.0 B = 0.0
SELECT SAMPLE T		<b></b>					
	EXPECTED RANG	SES:			USE C	QUALITATI	VE TABLE
			FEMAL	_E	(1) 2.9	999 <3.0	
100 YEAR	S 23-34		23-34		, ,	(2) 0.0	)
100 YEAR			23-34			(3) 0.0	)
	23-34		23-34			(4) 0.0	
						(5) 0.0	
DEFAULT RANGE: DEFAULT SEX: MA	OVER 100 YEARS	S				(6) 0.0	
						E: # - #	
CLASS 1 TECHNICA	AL RANGE: 0-40	CLASS 2	2 TECHN	IICAL RAI	NGE: -999	9999 -99999	)
APF	LICATION SCREE	N. OTHER	S WIND	OW			
<standard></standard>	(1)	(2)	(3)	(4)	(5)	(6)	
CALIB. CODE:	#	#	` '	• •	.,	• •	
CONCENTRATION:	0	#					
POSITION:	#	#					
SAMPLE VOLUME:	3	3	3	3	3	3	
DILUTED S. VOL:	0	0	0	0	0	0	
DILUENT VOLUME:	0	0	0	0	0	0	

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**Instrument Application** 

Analyzer: Hitachi 912
Test: CREATINE KINASE
Catalog #: HC922-250

 APPLICATIO	N SCREEN	V. ANAL'	Yze windo\	N			
SELECT TEST: CK TEST NAME: CK	ANALY	ZER CYC /TIME/PC	CLE TIME: 10 DINT: 2-POIN	OSEC NT 10	<b>DILUE</b> 9 15 0 0	NT: 00311	0
<b>APP CODE</b> : # 726		WAVE	(2 <sup>ND</sup> /PRIMA	<b>RY)</b> : 3/0	5 340		
SAMPLE VOLUME CLASS	1 CLASS	2		REAGI	ENT		
NORMAL:	6		6				<b>R1</b> : 250
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#		<b>D</b> 4 0		<b>R3</b> : 50
	CLASS	1 (1 / 0	S 2 DEC/INC		<b>R4</b> : 0		
ABS. LIMIT:		I CLAS	20000		INICRE	ΔSF	
PROZONE LIMIT: 0	20000	0	20000	LOWEI		.AJL	
TROZONE EMIT.		O		LOWL	`		
 APPLICATIC	N SCREE	N, CALIE	BRATION WI	NDOW			
SELECT TEST: CK		CALIB	RATION TY	PE: LINI			
	POINT: 1		WEIGHT	: 0			
AUTO CALIBRATION							
	UT			6D I III	UT 0.4		
BLANK: 0 HR SPAN: 0 HR				SD LIN		UT 100/	100 ADC
2 POINT: 0 HR		BOTT	_E: #			NGE: #	
FULL: 0 HR					RANGE		# 6500
TOLL. OTIK				JI AD.	INAINOL	. 0	0300
 APPLICATIO	ON SCREE	Ν ΕΛΝ	CE MINIDOM	,			
AII LICAIN		_14, 1277144	JE WIINDOW				
SELECT TEST: CK							
SELECT TEST: CK DATA MODE: ON BOARD	REPOR	T NAME: TEST I	: Creatine <b>Name</b> : CK	KINASE			
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000	REPOR	T NAME: TEST I	CREATINE	KINASE			A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S	<b>REPOR</b> ER/PL	T NAME: TEST I UNIT:	CREATINE NAME: CK U/L	KINASE	INSTR	. FACTOR:	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S	<b>REPOR</b> ER/PL	T NAME: TEST I UNIT:	CREATINE NAME: CK U/L	KINASE	INSTR USE C	. Factor: Dualitati\	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT	REPOR ER/PL TED RANG MALE	T NAME: TEST I UNIT: GES:	: CREATINE NAME: CK U/L FEMALE	KINASE	INSTR USE C	. FACTOR: QUALITATIN 1999 <3.0	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS	REPOR ER/PL TED RANG MALE 0-160	T NAME: TEST I UNIT: GES:	CREATINE NAME: CK U/L FEMALE 0-130	KINASE	INSTR USE C	. FACTOR: QUALITATIV 999 <3.0 (2) 0.0	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT	REPOR ER/PL TED RANG MALE 0-160 0-160	T NAME: TEST I UNIT: GES:	E CREATINE NAME: CK U/L FEMALE 0-130 0-130	KINASE	INSTR USE C	2. FACTOR: 2.UALITATIN 299 <3.0 (2) 0.0 (3) 0.0	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS	REPOR ER/PL TED RANG MALE 0-160 0-160	T NAME: TEST I UNIT: GES:	CREATINE NAME: CK U/L FEMALE 0-130	KINASE	INSTR USE C	DUALITATIN 099 <3.0 (2) 0.0 (3) 0.0 (4) 0.0	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS	ER/PL TED RANG MALE 0-160 0-160 0-160	T NAME: TEST I UNIT: GES:	E CREATINE NAME: CK U/L FEMALE 0-130 0-130	KINASE	INSTR USE C	DUALITATIN 299 <3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1	ER/PL TED RANG MALE 0-160 0-160 0-160	T NAME: TEST I UNIT: GES:	E CREATINE NAME: CK U/L FEMALE 0-130 0-130	KINASE	INSTR USE C (1) 2.9	DUALITATIN 099 <3.0 (2) 0.0 (3) 0.0 (4) 0.0	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS	ER/PL TED RANG MALE 0-160 0-160 0-160	T NAME: TEST I UNIT: GES:	FEMALE 0-130 0-130 0-130	KINASE REPE <i>F</i>	INSTR USE C (1) 2.9	EVALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - #	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 100 DEFAULT SEX: MALE	ER/PL TED RANG MALE 0-160 0-160 0-160	T NAME: TEST I UNIT: GES:	FEMALE 0-130 0-130 0-130	KINASE REPE <i>F</i>	INSTR USE C (1) 2.9	EVALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - #	A = 1.0 B = 0.0
 SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANGE:	REPOR ER/PL TED RANG MALE 0-160 0-160 0-160 0-160 GE: 0-150	T NAME: TEST I UNIT: GES:  O CLASS EN, OTHE	FEMALE 0-130 0-130 0-130 CFS 2 TECHNIC	REPEA CAL RAN	INSTR USE C (1) 2.9  AT RANGI	DUALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 199 -99999	A = 1.0 B = 0.0
 SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANG <standard></standard>	REPOR ER/PL TED RANG MALE 0-160 0-160 0-160 IOO YEARS GE: 0-150 ON SCREE (1)	T NAME: TEST I UNIT: GES: 0 CLASS EN, OTHE (2)	FEMALE 0-130 0-130 0-130	KINASE REPE <i>E</i> CAL RAN	INSTR  USE C (1) 2.9  AT RANGI	EVALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - #	A = 1.0 B = 0.0
SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANG <standard> CALIB. CODE:</standard>	REPOR ER/PL TED RANG MALE 0-160 0-160 0-160 IOO YEARS GE: 0-150 ON SCREE (1) #	T NAME: TEST I UNIT: GES:  O CLASS EN, OTHE	FEMALE 0-130 0-130 0-130 CFS 2 TECHNIC	REPEA CAL RAN	INSTR USE C (1) 2.9  AT RANGI	DUALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 199 -99999	A = 1.0 B = 0.0
 SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANG  STANDARD> CALIB. CODE: CONCENTRATION:	REPOR ER/PL TED RANG MALE 0-160 0-160 0-160 IOO YEARS GE: 0-150 ON SCREE (1) # 0	T NAME: TEST I UNIT: GES: 0 CLASS EN, OTHE (2)	FEMALE 0-130 0-130 0-130 CFS 2 TECHNIC	REPEA CAL RAN	INSTR USE C (1) 2.9  AT RANGI	DUALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 199 -99999	A = 1.0 B = 0.0
 SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANG <standard> CALIB. CODE: CONCENTRATION: POSITION:</standard>	REPOR ER/PL TED RANG MALE 0-160 0-160 0-160 100 YEARS GE: 0-150 ON SCREE (1) # 0 #	T NAME: TEST I UNIT: GES: 0 CLASS EN, OTHE (2) #	FEMALE 0-130 0-130 0-130 0-130 CERS WINDOW (3)	REPEACAL RAN (4)	INSTR USE C (1) 2.9  AT RANGI IGE: -999 (5)	EVALITATIV 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 199 -99999	A = 1.0 B = 0.0
 SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT  AGE 100 YEARS 100 YEARS  DEFAULT RANGE: OVER 10 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANG  STANDARD> CALIB. CODE: CONCENTRATION: POSITION: SAMPLE VOLUME:	REPOR  ER/PL  TED RANG  MALE  0-160  0-160  100 YEARS  GE: 0-150  ON SCREE  (1)  #  0  #  6	T NAME: TEST I UNIT: GES: 0 CLASS EN, OTHE (2) #	FEMALE 0-130 0-130 0-130 (3)	REPEACAL RAN N (4)	INSTR USE C (1) 2.9  AT RANGI IGE: -999 (5)	E. FACTOR:  DUALITATIN 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 199 -99999 (6)	A = 1.0 B = 0.0
 SELECT TEST: CK DATA MODE: ON BOARD CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S EXPECT AGE 100 YEARS 100 YEARS DEFAULT RANGE: OVER 1 DEFAULT SEX: MALE CLASS 1 TECHNICAL RANG <standard> CALIB. CODE: CONCENTRATION: POSITION:</standard>	REPOR ER/PL TED RANG MALE 0-160 0-160 0-160 100 YEARS GE: 0-150 ON SCREE (1) # 0 #	T NAME: TEST I UNIT: GES: 0 CLASS EN, OTHE (2) #	FEMALE 0-130 0-130 0-130 0-130 CERS WINDOW (3)	REPEACAL RAN (4)	INSTR USE C (1) 2.9  AT RANGI IGE: -999 (5)	EVALITATIV 199 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 199 -99999	A = 1.0 B = 0.0

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**Instrument Application** 

Analyzer: Hitachi 912
Test: CREATININE
Catalog #: HC939-1340

-----APPLICATION SCREEN, ANALYZE WINDOW------**SELECT TEST:** CREA **ANALYZER CYCLE TIME: 10 SEC DILUENT**: 00311 0 ASSAY/TIME/POINT: 2-POINT 10 20 23 0 0 TEST NAME: CREA **APP CODE**: # 727 **WAVE (2ND/PRIMARY)**: 570 505 SAMPLE VOLUME CLASS 1 CLASS 2 REAGENT NORMAL: 10 10 R1: 250 DECREASE: # # **R2**: 0 INCREASE: R3: 50 **R4**: 0 **CLASS 1 CLASS 2 DEC/INC** ABS. LIMIT: **INCREASE** 4500 PROZONE LIMIT: 0 **LOWER** ------APPLICATION SCREEN, CALIBRATION WINDOW------**SELECT TEST: CREA CALIBRATION TYPE: LINEAR** SPAN POINT: 2 POINT: 2 WEIGHT: 0 **AUTO CALIBRATION** TIME OUT **CHANGEOVER** LOT: # BLANK: 0 HR SD LIMIT: 0.1 SPAN: 0 HR BOTTLE: # **DUPLICATE LIMIT**: 10% 10 ABS 2 POINT: 0 HR SENSITIVITY RANGE: # FULL: 0 HR S1 ABS RANGE: -100 4000 -----APPLICATION SCREEN, RANGE WINDOW------**SELECT TEST:** CREA **REPORT NAME: CREATININE** DATA MODE: ON BOARD TEST NAME: CREA CTRL INTERVAL: 1000 UNIT: MG/DL **INSTR. FACTOR:** A = 1.0 B = 0.0**SELECT SAMPLE TYPE:** SER/PL **USE QUALITATIVE TABLE EXPECTED RANGES:** AGE MALE FEMALE (1) 2.999 < 3.0100 YEARS 0.4-1.4 0.4-1.4 (2) 0.0(3) 0.0100 YEARS 0.4 - 1.40.4 - 1.4(4) 0.00.4 - 1.40.4 - 1.4(5) 0.0**DEFAULT RANGE**: OVER 100 YEARS (6) 0.0**DEFAULT SEX: MALE** REPEAT RANGE: # - # CLASS 1 TECHNICAL RANGE: 0.0-15.0 CLASS 2 TECHNICAL RANGE: -99999 -99999 -----APPLICATION SCREEN, OTHERS WINDOW-----<STANDARD> (1) (2) CALIB. CODE: CONCENTRATION: 0.0 POSITION: SAMPLE VOLUME: 10 10 10 10 10 DILUTED S. VOL: 0 0 0 0 0 0 DILUENT VOLUME:

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It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50. Rev.8-03

Instrument Application

Analyzer: Hitachi 912

Test: CRP

**Catalog #** : C7564

					_		
APPLICATI		NI ANIAIN	/7E \\/\INID	OW			
 CELECT TECT, CDD	ON SCREE	N, ANAL	YZED CVC	)	10 CEC	DII LIE	NT. 00211 0
SELECT TEST: CRP TEST NAME: CRP	۸۵۵۸۷	ANAL		LE IIIVIE	10 SEC	DILUE	INT: 00311 0
ADD CODE # Handafan	ASSAY	/ HIVIE/PC	//NT: Z-PC	JINI IVI	10 31 0	0	
APP CODE: # User define	a		WAVE	. (2ND/PRII	<b>MARY)</b> : 70	00 340	
SAMPLE VOLUME CLAS	S 1 CLASS	2		REAC	SENT		
SAMPLE VOLUME CLAS NORMAL:	12		12				<b>R1</b> : 280
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:							<b>R3</b> : 70
INCKLASE.	π		π		<b>R4</b> : 0		<b>NJ.</b> 70
	CL ASS	1 (1 )(5	S 2 DEC/II	VIC.	114. 0		
ABS. LIMIT:					INCRI	-100	
ADS. LIIVII I .	32000	22000	32000	LOWE		LASE	
PROZONE LIMIT: -32000	)	-32000	1	LOWE	:K		
 APPLICAT	ION SCREE	N, CALIE	RATION '	WINDOW			
SELECT TEST: CRP POINT: 6 SPAN	POINT: 6		WFIGH	HT· ()			
AUTO CALIBRATION				0			
	OUT	CHAN	CEUNED				
					MIT- 000		
BLANK: 0 HR SPAN: 0 HR	LOT. #	DOTTI	C. #	DI IDI	VIII. 777 ICATELIA	/IIT. 1∩0/	10000 ADC
SPAIN: UHR		BUIL	_E. #	DUPL	ICATE LIN	/III: 10%	10000 ABS
2 POINT: 0 HR				SENS	IIIVII Y K	ANGE: #	#
FULL: 0 HR				STAE	SS RANGE	: -32000	3200
 APPLICAT	TION SCREE	EN. RANG	GE WINDO	)W			
SELECT TEST: CRP		RFPO	RT NAME	CRP			
DATA MODE: ON BOARD	)	TEST	NΔMF: CI	PP			
CTRL INTERVAL: 1000	•	I INIT.	MG/DI	I XI	INISTE	FACTOR	• Λ = 1 Ω R = Ω Ω
SELECT SAMPLE TYPE:		OIVIT.	IVIO/DL		IIVSTI	. I ACTON	. A - 1.0 D - 0.0
		CC.			HCE (	NIALITAT	IVE TABLE
ACE	CTED RANG	JES.	ГГЛЛЛ	1.5	(1) 2	20ALITATI	IVE TADLE
AGE	MALE		FEIVIA	LE	(1) 2.	999 < 3.0	`
100 YEARS	0-0.6		0-0.6			(2) 0.0	)
100 YEARS 100 YEARS	0-0.6		0-0.6			(3) 0.0	
	0-0.6		0-0.6			(4) 0.0	
						(5) 0.0	)
DEFAULT RANGE: OVER DEFAULT SEX: MALE	2 100 YEARS	S				(6) 0.0	
<b>DEFAULT SEX</b> : MALE				REPE	AT RANG	E: # - #	
CLASS 1 TECHNICAL RA	NGE: 0.1-2	5 CLAS	S 2 TECHI	NICAL RA	NGE: -99	999 -9999	9
4 DD1 10 43	TION CODE	-N. OTU		.014			
 APPLICAT <standard></standard>					(5)	(6)	
	(1) #	(2)	(3)	(4)	(၁)	(0)	
CALIB. CODE:	#	#					
CONCENTRATION:	0.0	#					
POSITION:	#	#					
SAMPLE VOLUME:	12	12	12	12	12	12	
DILUTED S. VOL:	0	0	0	0	0	0	
DILUENT VOLUME:	0	0	0	0	0	0	

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Instrument Application

Analyzer: Hitachi 912

Test: GGT

Catalog # : HG959-315

 APPLICATIO	N SCREEN	N, ANAL	YZE WIND	OW			
							<b>NT</b> : 00311 0
SELECT TEST: GGT TEST NAME: GGT	ASSAY/	TIME/PC	)INT: RAT	E-A 10	20 31 0	0	
			(2ND/PRIN				
			,	•			
SAMPLE VOLUME CLASS	1 CLASS	2		REAG	ENT		
NORMAL:	7		7				<b>R1</b> : 250
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 50
					<b>R4</b> : 0		
	CLASS	1 CLAS	S 2 DEC/II	<b>VC</b>			
ABS. LIMIT:	5500		5500		INCRI	EASE	
PROZONE LIMIT: 0		0		LOWE	:R		
 APPLICATIO							
SELECT TEST: GGT Point: 1 Span F			CALIB	RATION 7	Type: Lin	IEAR	
	Point: 1		WEIGH	<b>T:</b> 0			
AUTO CALIBRATION							
	UT		GEOVER				
BLANK: 0 HR					<b>MIT</b> : 0.1		
<b>SPAN</b> : 0 HR		BOTTI	_E: #				100 ABS
2 POINT: 0 HR				SENS	ITIVITY RA	ANGE: #	#
FULL: 0 HR				S1 AB	S RANGE	<u>:</u> 0	6200
APPLICATI	ON SODE	IN DAN	CE WINDO	W/			
SELECT TEST: GGT	ON SCREE	IN, KAIN DEDO	DE NINDO	, CCT			
DATA MODE: ON BOARD		TECT	NAME: C	. 001 ^T			
CTRL INTERVAL: 1000		IINIT.	INAIVIL. G	JI	INISTE	FACTOR	: A = 1.0 B = 0.0
SELECT SAMPLE TYPE: S	ED/DI	OIVIII.	U/L		INSTI	. I ACTOR	. A - 1.0 D - 0.0
SELECT SAMPLE TIPE. S	TED RANG	EC.			IISE (	QUALITATI	VE TARI E
AGE			FEMA			999 <3.0	VL IADEL
100 YEARS					(1) 2.	(2) 0.0	
	9-54 9-54					(3) 0.0	
TOU TEAKS	9-54 9-54		8-35			(4) 0.0	
	7-J <del>4</del>		0-35			(5) 0.0	
DEEVILLE DANGE: UNED	100 VEADS	2				(6) 0.0	
<b>DEFAULT RANGE</b> : OVER DEFAULT SEX: MALE	TOU TEAKS	J		DEDE	ΛΤ ΡΛΝΩ	(6) 0.0 E: # - #	
CLASS 1 TECHNICAL RAN							1
CLASS I ILCIINICAL KAN	OL. 0-100	U CLAS	J Z I LUTII	NICAL RA	NGL99	777 -77777	
 APPLICATI	ON SCREE	N. OTH	FRS WIND	OW			
<standard></standard>	(1)	(2)	(3)	(4)	(5)	(6)	
CALIB. CODE:	#	#	(0)	(7)	(0)	(9)	
CONCENTRATION:	0	"					
POSITION:	#						
SAMPLE VOLUME:	7	7	7	7	7	7	
DILUTED S. VOL:	0	0	0	0	0	0	
DILUENT VOLUME:	0	0	0	0	0	0	
DILUEINI VULUIVIE:	U	U	U	U	U	U	

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912

Test: GLUCOSE

Catalog # : HG921-1000

	<b>ICATION SCREEN</b>	I ANAI Y7F W	/INDOW			
SELECT TEST: GLU TEST NAME: GLU	J	ANALYZER	CYCLE TI	<b>ME</b> : 10 SEC	DILUEN	T: 00311 0
TEST NAME: GLU	ASSAY/	TIME/POINT:	2-POINT	10 31 0 0 0		
APP CODE: # User	defined	W	AVE (2 <sup>ND</sup> /I	PRIMARY): 700	) 505	
SAMPLE VOLUME	CLASS 1 CLASS 2	2	RI	EAGENT		
SAMPLE VOLUME NORMAL: DECREASE:	3	3				<b>R1</b> : 300
						<b>R2</b> : 0
INCREASE:	#	#		D4. 0		<b>R3</b> : 0
	CL ASS.	I CLASS 2 DE	EC/INC	<b>R4</b> : 0		
ABS. LIMIT:				INCRE	ASE	
abs. Limit: Prozone Limit:	0	0	LC	)WER		
APP    SELECT TEST: GII	LICATION SCREET	N, CALIBRATI CA	ON WIND AI IRRATI	JW JNI TVDF+ 1 INIE	 -ΔR	
SELECT TEST: GLU POINT: 2	SPAN POINT: 2	W	FIGHT: 0	JIN I II E. LIIVL	-///\	
AUTO CALIBRATIO	N					
	TIME OUT					
<b>BLANK</b> : 0 HR	LOT: #		SI	<b>D LIMIT</b> : 0.1		
SPAN:	0 HR	BOTTLE: #	DI	JPLICATE LIMI	T: 10%	250 ABS
<b>2 POINT</b> : 0 HR <b>FULL</b> :	∩ UD			NSITIVITY RAI ABS RANGE:		
FULL.	UTIK		3	ADS RAINGE.	U	4700
APF	LICATION SCREE	N, RANGE WI	INDOW			
SELECT TEST: GLU  DATA MODE: ON B	J	REPORT NA	AME: GLU	COSE		
DATA MODE: ON B	JOARD	TEST NAME	: GLU	INICED	FAOTOR	A 40 D 00
CIRLINIERVAL: 1	000	UNII: MG/L	)L	INSTR.	FACTOR:	A = 1.0 B = 0.0
SELECT SAMPLE T	YPE: SER/PL	EC.		LISE O	IALITATIV	E TARI E
AGF	EXPECTED RANG MALE	res. FF	-MALF	(1) 2.00	DALITATIV	LIADLL
	1717 144			(1) / 9	<i>9</i> 9 <3 ()	
100 YEAR	'S 65-110	65	5-110	(1) 2.9	99 <3.0 (2) 0.0	
100 YEAR	2S 65-110 2S 65-110	65	5-110		99 <3.0 (2) 0.0 (3) 0.0	
100 YEAR	2S 65-110 2S 65-110	65	5-110 5-110		(2) 0.0	
100 YEAR 100 YEAR	2S 65-110 2S 65-110 65-110	65 65 65	5-110 5-110		(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0	
100 YEAR 100 YEAR <b>DEFAULT RANGE</b> :	2S 65-110 2S 65-110 65-110 OVER 100 YEARS	65 65 65	5-110 5-110 5-110		(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0	
100 YEAR 100 YEAR DEFAULT RANGE: DEFAULT SEX: MA	2S 65-110 2S 65-110 65-110 OVER 100 YEARS ILE	65 65 65	5-110 5-110 5-110 RI	EPEAT RANGE	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	
100 YEAR 100 YEAR <b>DEFAULT RANGE</b> :	2S 65-110 2S 65-110 65-110 OVER 100 YEARS ILE	65 65 65	5-110 5-110 5-110 RI	EPEAT RANGE	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	
100 YEAR 100 YEAR DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICA	2S 65-110 2S 65-110 65-110 OVER 100 YEARS ALE AL RANGE: 0-500	65 65 CLASS 2 TE	5-110 5-110 5-110 RI	EPEAT RANGE RANGE: -999	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	
100 YEAR 100 YEAR  DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICAAPP <standard></standard>	2S 65-110 2S 65-110 65-110 OVER 100 YEARS ALE AL RANGE: 0-500 PLICATION SCREE (1)	65 65 CLASS 2 TE N, OTHERS V (2) (3)	5-110 5-110 5-110 RI CHNICAL	EPEAT RANGE RANGE: -999	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	
100 YEAR 100 YEAR 100 YEAR  DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICA	2S 65-110 2S 65-110 65-110 OVER 100 YEARS ALE AL RANGE: 0-500 PLICATION SCREE (1) #	65 65 CLASS 2 TE N, OTHERS W (2) (3)	5-110 5-110 5-110 RI CHNICAL	EPEAT RANGE RANGE: -999	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	
100 YEAR 100 YEAR 100 YEAR  DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICAAPF <standard> CALIB. CODE: CONCENTRATION:</standard>	2S 65-110 2S 65-110 65-110 OVER 100 YEARS AL RANGE: 0-500 PLICATION SCREE (1) # 0	65 65 CLASS 2 TE N, OTHERS V (2) (3) #	5-110 5-110 5-110 RI CHNICAL	EPEAT RANGE RANGE: -999	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	
100 YEAR 100 YEAR 100 YEAR  DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICA	2S 65-110 2S 65-110 65-110 OVER 100 YEARS AL RANGE: 0-500 PLICATION SCREE (1) # 0	65 65 CLASS 2 TE N, OTHERS V (2) (3) # #	5-110 5-110 5-110 RI CCHNICAL VINDOW ) (4	EPEAT RANGE RANGE: -999 (5)	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - # 99 -99999	
100 YEAR 100 YEAR 100 YEAR  DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICAAPF <standard> CALIB. CODE: CONCENTRATION:</standard>	2S 65-110 2S 65-110 65-110 OVER 100 YEARS AL RANGE: 0-500 PLICATION SCREE (1) # 0	65 65 CLASS 2 TE N, OTHERS V (2) (3) #	5-110 5-110 5-110 RI CHNICAL	EPEAT RANGE RANGE: -999	(2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 : # - #	

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Instrument Application

Analyzer: Hitachi 912

Test: GLUCOSE

Catalog # : HG920-1200

APPLICA	TION SCREEN	ΔΝΔΙ ۷7	E WINDON	Ν			
SELECT TEST: GLU	TION SCILLIN	ANALYZ	ER CYCLI	E TIME: 1	0 SEC	DILUEN	IT: 00311 0
SELECT TEST: GLU TEST NAME: GLU	ASSAY/7	ΓΙΜΕ/POIN	T: 2-POIN	NT 10 3	1000		
APP CODE: #767		WAVE (2	ND/PRIMA	<b>RY)</b> : 700	340		
		)		REAGEN	JT		
SAMPLE VOLUME CLA NORMAL:	3 1 CLASS 2	<u>-</u>	3	KLAGLI	V I		<b>R1</b> : 300
DECREASE:	3 #		#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 50
					<b>R4</b> : 0		
	CLASS 1						
ABS. LIMIT:	0	•	0		INCREA	ASE	
PROZONE LIMIT: 0		0		LOWER			
 APPLIC <i>I</i>	ATION SCREEN	N. CALIBR	ATION WI	NDOW			
SELECT TEST: GLU		-,	CALIBRA	ATION TY	PE: LINE	AR	
SELECT TEST: GLU POINT: 2 SPA	AN POINT: 2		WEIGHT	: 0			
AUTO CALIBRATION							
	E OUT						
BLANK: 0 HR	LOT: #			SD LIMIT	Γ: 0.1		
SPAN: 0 HF	₹	BOTTLE:	#	DUPLICA	ATE LIMI	I: 10%	250 ABS
2 POINT: 0 HR FULL: 0 HR	7			SENSIII S1 ABS		NGE: #	
FULL: 0 HF	7			STADS	RANGE.	U	4700
 APPLIC	ATION SCREE	N, RANGE	WINDOW	/			
SELECT TEST: GLU  DATA MODE: ON BOAH		REPORT	NAME: (	GLUCOSE			
DATA MODE: ON BOAF	RD	TEST NA	ME: GLU				
CTRL INTERVAL: 1000		UNIT: M	G/DL		INSTR.	FACTOR:	A = 1.0 B = 0.0
SELECT SAMPLE TYPE	·: SER/PI						
LXF	PECTED RANG MALE	ES:			(1) 2.00	JALITATIV	E TABLE
AGE 100 VEADS	65-110		FEIVIALE		(1) 2.99	(2) 0.0	
	65-110					(3) 0.0	
100 TEARS						(4) 0.0	
	00 110		00 110			(5) 0.0	
DEFAULT RANGE: OV	ER 100 YEARS					(6) 0.0	
DEFAULT SEX: MALE				REPEAT	RANGE	` '	
CLASS 1 TECHNICAL R	<b>RANGE</b> : 0-500	CLASS 2	TECHNIC	CAL RANG	SE: -9999	99 -99999	
ADDLIC	ATION CODES	N OTHER	C MINIDO				
 APPLIC <standard></standard>	ATION SCREET	N, OTHER (2)	(3)	vv (4)	(5)	(6)	
CALIB. CODE:	#	#	(-)	\.' <i>'</i>	(-)	(-)	
CONCENTRATION:	0	#					
POSITION:	#	#					
SAMPLE VOLUME:	3	3	3	3	3	3	
DILUTED S. VOL:	0	0	0	0	0	0	
DILUENT VOLUME:	0	0	0	0	0	0	

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Instrument Application

Analyzer: Hitachi 912
Test: TOTAL IRON
Catalog #: HI904-600

						•	
APPLICATIO	NI SCDEEN	ΙΛΝΛΙΝ	/7E W/INID	ωωw			
 SELECT TEST: IRON	IN SCREEN	ı, ANAL I ANAL I	7FR CYC	CI F TIME	10 SEC	DII UF	<b>NT</b> : 00311 0
SELECT TEST: IRON TEST NAME: IRON APP CODE: # User defined	ASSAY/	TIME/PO	INT: 2-PC	DINT 10	16 31 0	0	
APP CODE: # User defined			WAVE	(2 <sup>ND</sup> /PRII	<b>/IARY)</b> : 70	00 570	
SAMPLE VOLUME CLASS		2	00	REAC	ENT		<b>D4</b> 050
NORMAL:	20		20				R1: 250
DECREASE:	# #		# #				<b>R2</b> : 0 <b>R3</b> : 50
INCREASE:	#		#		<b>R4</b> : 0		<b>K3</b> : 50
	CLASS 1	1 CLASS	2 DEC/IN	NC.	<b>N4.</b> 0		
ABS. LIMIT:		02/100	0	•	INCRE	EASE	
PROZONE LIMIT: 0	-	0	-	LOWE			
 APPLICATIO	ON SCREE	N, CALIE	RATION	WINDOW			
SELECT TEST: IRON POINT: 2 SPAN F			CALIB	RATION	TYPE: LIN	IEAR	
POINT: 2 SPAN F	POINT: 2		WEIGH	HT: 0			
AUTO CALIBRATION							
	UT LOT: #		3EUVER		<b>/IIT.</b> ∩ 1		
BLANK: 0 HR SPAN: 0 HR	LUI: #		E: #		MIT: 0.1	/IIT. 1∩0/	200 ABS
2 POINT: 0 HR		BOTTL	.L. #			NGE: #	
FULL: 0 HR						: 0	
 APPLICATI	ON SCREE	N, RANG	GE WINDO	)W			
SELECT TEST: IRON DATA MODE: ON BOARD CTRL INTERVAL: 1000		REPO	RT NAME:	: TOTAL I	RON		
<b>DATA MODE</b> : ON BOARD		TEST N	NAME: IR	ON			
CTRL INTERVAL: 1000		UNIT:	UG/DL		INSTR	R. FACTOR	: $A = 1.0 B = 0.0$
SELECT SAIVIPLE TIPE. S	DLT/FL						
	TED RANG	iES:		. –			VE TABLE
AGE 100 YEARS	MALE 60.150		FEMAI 60-150	LE \	(1) 2.9	999 <3.0	
100 YEARS 100 YEARS	60-150					(2) 0.0 (3) 0.0	
100 TEARS	60-150					(4) 0.0	
	00-130		00-130	,		(5) 0.0	
<b>DEFAULT RANGE</b> : OVER	100 YFARS					(6) 0.0	
DEFAULT SEX: MALE	100 12,410			REPE	AT RANG	E: # - #	
CLASS 1 TECHNICAL RAN	I <b>GE</b> : 0-700	CLASS	2 TECHN				
 APPLICATI							
<standard></standard>	(1)	(2)	(3)	(4)	(5)	(6)	
CALIB. CODE:	#	#					
CONCENTRATION:	0	#					
POSITION: SAMPLE VOLUME:	# 20	# 20	20	20	20	20	
DILUTED S. VOL:	0	20 0	0	0	0	20 0	
DILUENT VOLUME:	0	0	0	0	0	0	
DILUCIAL AOCOMIC.	U	U	U	U	J	U	

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**Instrument Application** 

Analyzer: Hitachi 912

Test: LACTATE

Catalog # : L7596-50

 APPLICAT	TON SCREE	N, ANALY) ΔΝΔΙ Υ	ZE WIND( ZER CYCI	)W	10 SEC	DII LIF	 NT: 00311 0
SELECT TEST: LAC TEST NAME: LAC	ASSAY	/TIME/POI	NT: 1-PO	INT 10	15 0 0 0	) )	
APP CODE: # User defin	ed			(2 <sup>ND</sup> /PRIM			
SAMDLE VOLLIME OLA	CC 1 () ACC	2		REAGI	ENIT		
SAMPLE VOLUME CLA: NORMAL: DECREASE:	33 I CLASS	2	3	REAGI	LINI		<b>R1</b> : 150
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 100
	01.400		• PEO/IN		<b>R4</b> : 0		
ABS. LIMIT:		1 CLASS			INCRE	- 1 C E	
PROZONE LIMIT: 0		Λ	U	LOWE	IINUKE D	EASE	
 APPLICA	TION SCREE	N, CALIBI	RATION V	VINDOW-			
SELECT TEST: LAC POINT: 2 SPA			CALIBE	ration t	YPE: LIN	IEAR	
POINT: 2 SPAI	N POINT: 2		WEIGH	T: 0			
AUTO CALIBRATION	OUT	CHANG	EUNED				
BI ANK: 0 HR	. OOT: #	CHANG	LOVLIX	SD LIM	IIT: 0.1		
BLANK: 0 HR SPAN: 0 HR 2 POINT: 0 HR	20	BOTTLE	<u>:</u> #	DUPLI	CATE LIN	<b>/IIT</b> : 10%	200 ABS
2 POINT: 0 HR						ANGE: #	#
FULL: 0 HR				S1 AB	S RANGE	: 0	4000
APPLIC <i>A</i>	TION SODEI	ENI DANG	E WINDO	١٨/			
SELECT TEST: LAC							
DATA MODE: ON BOAR	D	TEST N					
CTRL INTERVAL: 1000		UNIT: N	/MOL/L		INSTR	R. FACTOF	<b>R</b> : $A = 1.0 B = 0.0$
SELECT SAMPLE TYPE:	SER/PL						
SELECT SAMPLE TYPE: EXPI AGE 100 YEARS 100 YEARS	ECTED RANG	GES:		г			IVE TABLE
AGE 100 VEARS	NIALE 0.5-2.2		1 EIVIAL	E	(1) 2.9	999 <3.0 (2) 0.0	1
100 YEARS	0.5-2.2		0.5-2.2			(3) 0.0	
100 12/110	0.5-2.2		0.5-2.2			(4) 0.0	
						(5) 0.0	
DEFAULT RANGE: OVE DEFAULT SEX: MALE	R 100 YEARS	S				(6) 0.0	
						E: # - #	
CLASS 1 TECHNICAL RA	<b>ANGE</b> : 0-20	CLASS	2 TECHN	ICAL RAI	IGE: -999	999 -9999	9
 APPLIC <i>A</i>	TION SCREI	EN, OTHEI	RS WINDO	DW			
<standard></standard>	(1)	(2)	(3)	(4)	(5)	(6)	
CALIB. CODE:	#	#		•	-	-	
CONCENTRATION:	0.0	#					
POSITION:	#	#	2	2	2	2	
SAMPLE VOLUME: DILUTED S. VOL:	3 0	3 0	3 0	3 0	3 0	3 0	
DILUENT VOLUME:	0	0	0	0	0	0	
DILUCIAL VOLUME.	J	J	U	J	J	J	

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**Instrument Application** 

Analyzer: Hitachi 912
Test: LDL CHOLESTEROL
Catalog #: L7574

 APF	PLICATION	I SCREEN	ΔΝΔΙ Υ7	F WINDO	\W				
SELECT TEST: LI TEST NAME: LDL	DI	JONELIN	ANAL 12	FR CYCL	F TIME	10 SEC	DII UFI	NT: 00311	0
TEST NAME: LDL		ASSAY/	ΓIME/POIN	IT: 2-POI	NT 10	16 31 0	0		Ü
APP CODE: # Use	er defined			WAVE (	2ND/PRIN	IARY): 66	50 546		
				`		,			
SAMPLE VOLUME	E CLASS 1	CLASS 2	<u>)</u>		REAG	ENT			
SAMPLE VOLUME NORMAL:		3		3				<b>R1</b> : 300	
DECREASE:		#		#				<b>R2</b> : 0	
INCREASE:		#		#				<b>R3</b> : 100	
					_	<b>R4</b> : 0			
ADO LIMIT			CLASS 2		)	INIODE			
ABS. LIMIT:		0	0	0	LOWE	INCRE	EASE		
PROZONE LIMIT:	Ü		0		LOWE	K			
 AP		VI SCDEEN	I CALIBD	ATION W	INDOW-				
 SELECT TEST: LI									
POINT: 2	SPAN PO	DINT: 2		WFIGHT	7. U	II L. LIIV	LAIN		
AUTO CALIBRATI		J 2			. 0				
		IT	CHANGE	EOVER					
BLANK: 0 HR						<b>/IIT:</b> 0.1			
SPAN:				: #	DUPLI	CATE LIN	<b>11T</b> : 10%	1000 ABS	S
2 POINT: 0 HR							ANGE: #		
FULL:	0 HR								20000
 AF	PPLICATIO	N SCREE	N, RANGE	WINDOV	V				
 SELECT TEST: LI	DL		REPORT	NAME:	LDL CHO	)LESTER	 OL		
 SELECT TEST: LI DATA MODE: ON	DL BOARD		REPORT TEST NA	NAME:   NME: LDL	LDL CHO	)LESTER(	OL		0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL:	DL BOARD 1000		REPORT TEST NA	NAME:   NME: LDL	LDL CHO	)LESTER(	OL	: A = 1.0 B =	= 0.0
 SELECT TEST: LI DATA MODE: ON	DL   BOARD   1000   <b>TYPE</b> : SE	ER/PL	REPORT TEST NA UNIT: M	NAME:   NME: LDL G/DL	LDL CHO	)LESTER( INSTR	OL ?. <b>FACTOR</b> :	: A = 1.0 B =	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE	DL BOARD 1000 TYPE: SE EXPECT	:R/PL <b>ED RANG</b>	REPORT TEST NA UNIT: M ES:	NAME:   NME: LDL G/DL	LDL CHO	INSTR USE C	OL 1. FACTOR: DUALITATI	: A = 1.0 B =	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE AGE	DL BOARD 1000 TYPE: SE EXPECT	:R/PL <b>ED RANG</b> MALE	REPORT TEST NA UNIT: M ES:	NAME:   NME: LDL G/DL FEMALE	LDL CHO	INSTR USE C	ol 2. <b>Factor</b> : <b>Qualitati'</b> 1999 <3.0	: A = 1.0 B = <b>VE TABLE</b>	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA	DL BOARD 1000 TYPE: SE EXPECT	ER/PL ED RANG MALE 0-130	REPORT TEST NA UNIT: M ES:	FEMALE 0-130	LDL CHO	INSTR USE C	OL 2. FACTOR: QUALITATI 999 <3.0 (2) 0.0	: A = 1.0 B = VE TABLE	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA	DL BOARD 1000 TYPE: SE EXPECT	:R/PL <b>ED RANG</b> MALE 0-130 0-130	REPORT TEST NA UNIT: M ES:	FEMALE 0-130 O-130	LDL CHO	INSTR USE C	OL 2. FACTOR: 2UALITATIV 299 <3.0 (2) 0.0 (3) 0.0	: A = 1.0 B = VE TABLE	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA	DL BOARD 1000 TYPE: SE EXPECT	ER/PL ED RANG MALE 0-130	REPORT TEST NA UNIT: M ES:	FEMALE 0-130	LDL CHO	INSTR USE C	DL 2. FACTOR: DUALITATI 999 <3.0 (2) 0.0 (3) 0.0 (4) 0.0	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA	DL BOARD 1000 TYPE: SE EXPECT ARS	ER/PL ED RANG MALE 0-130 0-130 0-130	REPORT TEST NA UNIT: M ES:	FEMALE 0-130 O-130	LDL CHO	INSTR USE C	DL . FACTOR: DUALITATI 0999 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA	DL BOARD 1000 TYPE: SE EXPECT ARS ARS	ER/PL ED RANG MALE 0-130 0-130 0-130	REPORT TEST NA UNIT: M ES:	FEMALE 0-130 O-130	LDL CHO	INSTR USE C (1) 2.9	DL 2. FACTOR: DUALITATI 999 <3.0 (2) 0.0 (3) 0.0 (4) 0.0	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE	DL BOARD 1000 TYPE: SE EXPECT ARS ARS	ER/PL ED RANG MALE 0-130 0-130 0-130	REPORT TEST NA UNIT: M ES:	FEMALE 0-130 0-130 0-130	LDL CHO	INSTR  USE C (1) 2.9	DL 2. FACTOR: DUALITATIV 299 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - #	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC	DL BOARD 1000 TYPE: SE EXPECT ARS ARS E: OVER 10 IALE CAL RANG	ER/PL ED RANG MALE 0-130 0-130 0-130 00 YEARS EE: 0-700	REPORT TEST NA UNIT: M ES:	FEMALE 0-130 0-130 0-130	LDL CHO	INSTR  USE C (1) 2.9	DL 2. FACTOR: DUALITATIV 299 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - #	: A = 1.0 B =	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC	DL BOARD 1000 TYPE: SE EXPECT ARS ARS	ER/PL ED RANG MALE 0-130 0-130 0-130 0-130 OO YEARS GE: 0-700	REPORT TEST NA UNIT: M ES: CLASS 2	FEMALE 0-130 0-130 0-130 2 TECHNIC	REPE/CAL RAI	INSTR  USE C (1) 2.9  AT RANGINGE: -999	DL 2. FACTOR:  DUALITATIV 299 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 299 -99999	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC	DL BOARD 1000 TYPE: SE EXPECT ARS ARS E: OVER 10 IALE CAL RANG	ER/PL ED RANG MALE 0-130 0-130 0-130 0-130 00 YEARS EE: 0-700 IN SCREE (1)	REPORT TEST NA UNIT: M ES: CLASS 2 N, OTHER (2)	FEMALE 0-130 0-130 0-130	LDL CHO	INSTR  USE C (1) 2.9	DL 2. FACTOR: DUALITATIV 299 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - #	: A = 1.0 B =	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC <standard> CALIB. CODE:</standard>	DL BOARD 1000 TYPE: SE EXPECT ARS ARS E: OVER 10 MALE CAL RANG	ER/PL ED RANG MALE 0-130 0-130 0-130 00 YEARS EE: 0-700 N SCREE (1) #	REPORT TEST NA UNIT: M ES: CLASS 2 N, OTHER (2) #	FEMALE 0-130 0-130 0-130 2 TECHNIC	REPE/CAL RAI	INSTR  USE C (1) 2.9  AT RANGINGE: -999	DL 2. FACTOR:  DUALITATIV 299 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 299 -99999	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC  STANDARD> CALIB. CODE: CONCENTRATION	DL BOARD 1000 TYPE: SE EXPECT ARS ARS E: OVER 10 MALE CAL RANG	ER/PL ED RANG MALE 0-130 0-130 0-130 00 YEARS EE: 0-700 N SCREE (1) # 0	REPORT TEST NA UNIT: M ES: CLASS 2 N, OTHER (2) # #	FEMALE 0-130 0-130 0-130 2 TECHNIC	REPE/CAL RAI	INSTR  USE C (1) 2.9  AT RANGINGE: -999	DL 2. FACTOR:  DUALITATIV 299 < 3.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 299 -99999	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC  STANDARD> CALIB. CODE: CONCENTRATION POSITION:	DL BOARD 1000 TYPE: SE EXPECT ARS SE: OVER 10 MALE CAL RANG PPLICATIO	ER/PL ED RANG MALE 0-130 0-130 0-130 00 YEARS EE: 0-700 IN SCREE (1) # 0 #	REPORT TEST NA UNIT: M ES: CLASS 2 N, OTHER (2) # #	FEMALE 0-130 0-130 0-130 2 TECHNIC (3)	REPE/ CAL RAI	INSTR  USE C (1) 2.5  AT RANGINGE: -999	OL 2. FACTOR: 2. PACTOR: 2. PACTOR: 2. 0.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 299 -99999	: A = 1.0 B =	= 0.0
SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC  STANDARD> CALIB. CODE: CONCENTRATION POSITION: SAMPLE VOLUME	DL BOARD 1000 TYPE: SE EXPECT ARS SE: OVER 10 MALE CAL RANG PPLICATIO	ER/PL ED RANG MALE 0-130 0-130 0-130 0-130 00 YEARS EE: 0-700 IN SCREE (1) # 0 # 3	REPORT TEST NA UNIT: M ES: CLASS 2 N, OTHER (2) # # # 3	FEMALE 0-130 0-130 0-130 CS WINDO (3)	REPE/CAL RAI	INSTR  USE C (1) 2.5  AT RANGINGE: -999 (5)	OL 2. FACTOR: 2. PACTOR: 2. PACTOR: 2. 0.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 299 -99999 (6)	: A = 1.0 B =	= 0.0
 SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M CLASS 1 TECHNIC  STANDARD> CALIB. CODE: CONCENTRATION POSITION:	DL BOARD 1000 TYPE: SE EXPECT ARS ARS E: OVER 10 MALE CAL RANG PPLICATIO	ER/PL ED RANG MALE 0-130 0-130 0-130 00 YEARS EE: 0-700 IN SCREE (1) # 0 #	REPORT TEST NA UNIT: M ES: CLASS 2 N, OTHER (2) # #	FEMALE 0-130 0-130 0-130 2 TECHNIC (3)	REPE/ CAL RAI	INSTR  USE C (1) 2.5  AT RANGINGE: -999	OL 2. FACTOR: 2. PACTOR: 2. PACTOR: 2. 0.0 (2) 0.0 (3) 0.0 (4) 0.0 (5) 0.0 (6) 0.0 E: # - # 299 -99999	: A = 1.0 B =	= 0.0

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912

Test: LDH

Catalog # : HL956-568

APF	PLICATION	SCRFFN	. ANAI Y7	F WINDO	W			
								<b>NT</b> : 00311 0
TEST NAME: LDH	1	ASSAY/1	IME/POIN	T: RATE-	A 10 23	30 0 0	1	
711 0002. 11 712	-		W//V L (2	71 1311417		010		
SAMPLE VOLUME	E CLASS 1	CLASS 2	2		REAGEN	ΝT		
NORMAL:		9		9				<b>R1</b> : 250
DECREASE:		#		#				<b>R2</b> : 0
INCREASE:		#		#				<b>R3</b> : 100
						<b>R4</b> : 0		
		CLASS 1	CLASS 2	DEC/INC	,			
ABS. LIMIT:		10000		10000		INCRE/	ASE	
PROZONE LIMIT:	0		0		LOWER			
						PE: LINE	EAR	
		DINT: 1		WEIGHT	: 0			
AUTO CALIBRATI	ON							
				OVER				
<b>BLANK</b> : 0 HR		LOT: #			SD LIMIT	Γ: 0.1		
SPAN:	0 HR		BOTTLE:	#	DUPLIC/	ATE LIMI	IT: 10%	100 ABS
2 POINT: 0 HR					SENSITI	VITY RAI	NGE: #	#
FULL:	0 HR				S1 ABS	Range:	0	5900
ΛΕ		NI CODEEI	N DANCE	WINDOW	ı			
DATA MODE: ON	B∪VDU LIC		TECT NA	ME. IDH	ווטו			
CTRI INTERVAL:	1000		IINIT: 11	M <b>VIL.</b> ∟DII T		INISTR	EACTOR:	Δ-10 R-00
			OIVII. O	L		IIVSTIX.	I ACTON.	A = 1.0 D = 0.0
SELECT SAIVII EE			FS.			LISE O	ΙΙΔΙ ΙΤΔΤΙ	/F TARI F
ΔGF				FFMΔIF				IL IADEL
						(1) 2.7		
100 1 L	u()							
		00-203		103-227				
DEEVI II T DANGE	:	W AEVDC						
		JU I LAINS			DEDEVI	BVNCE		
		. <b>F</b> . ∩ 1∩∩∩	) CL ASS 2	TECHNIC				
OLASS I ILCIIM	OAL IVAING	, <u>.</u> . 0-1000	, OLAJJ Z	LOTHIN		JE. 1777	11 -17777	
AF	PPLICATIO	N SCREE	N, OTHER	S WINDO	W			
<standard></standard>	PPLICATIO	N SCREEI (1)	N, OTHER (2)	S WINDO' (3)	W (4)	(5)	(6)	
	PPLICATIO		•			(5)	(6)	
<standard></standard>		(1)	(2)			(5)	(6)	
<standard> calib. code:</standard>		(1) #	(2)			(5)	(6)	
<pre><standard> CALIB. CODE: CONCENTRATION</standard></pre>	N:	<b>(1)</b> # 0	(2)			(5) 9	(6) 9	
<pre><standard> CALIB. CODE: CONCENTRATION POSITION:</standard></pre>	N:	(1) # 0 #	<b>(2)</b> #	(3)	(4)			
	SELECT TEST: LI TEST NAME: LDH APP CODE: # 742  SAMPLE VOLUME NORMAL: DECREASE: INCREASE: INCREASE:  ABS. LIMIT: PROZONE LIMIT: PROZONE LIMIT: PROZONE LIMIT: 1 AUTO CALIBRATI BLANK: 0 HR SPAN: 2 POINT: 0 HR FULL: SELECT TEST: LI DATA MODE: ON CTRL INTERVAL: SELECT SAMPLE  AGE 100 YEA 100 YEA  DEFAULT RANGE DEFAULT SEX: M	SELECT TEST: LDH TEST NAME: LDH APP CODE: # 742  SAMPLE VOLUME CLASS 1 NORMAL: DECREASE: INCREASE: INCREASE:  ABS. LIMIT: PROZONE LIMIT: 0	SELECT TEST: LDH TEST NAME: LDH APP CODE: #742  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 9 DECREASE: # INCREASE: # INCREASE: #  CLASS 1 ABS. LIMIT: 10000 PROZONE LIMIT: 0	SELECT TEST: LDH ASSAY/TIME/POIN APP CODE: #742 WAVE (2  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 9 DECREASE: # INCREASE: # INCREASE: #  CLASS 1 CLASS 2  ABS. LIMIT: 10000 PROZONE LIMIT: 0 0	SELECT TEST: LDH TEST NAME: LDH APP CODE: # 742  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 9 9 9 DECREASE: # # INCREASE: # # INCREASE: # #  CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 10000 PROZONE LIMIT: 0 0	SELECT TEST: LDH TEST NAME: LDH APP CODE: #742  SAMPLE VOLUME CLASS 1 CLASS 2 NORMAL: 9 9 9 DECREASE: INCREASE: # #  CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 0 LOWER  CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 0 LOWER  CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: 10000 PROZONE LIMIT: 0 CLAIBRATION WINDOW	SELECT TEST: LDH TEST NAME: LDH APP CODE: # 742  SAMPLE VOLUME CLASS 1 CLASS 2  NORMAL: 9 DECREASE: # INCREASE: IN	SAMPLE VOLUME CLASS 1 CLASS 2  NORMAL: 9 9 9 DECREASE: # # INCREASE: # #  CLASS 1 CLASS 2 DEC/INC  ABS. LIMIT: 10000 10000 INCREASE PROZONE LIMIT: 0 0 LOWER   APPLICATION SCREEN, CALIBRATION WINDOW  SELECT TEST: LDH CALIBRATION TYPE: LINEAR POINT: 1 SPAN POINT: 1 WEIGHT: 0  AUTO CALIBRATION TIME OUT CHANGEOVER  BLANK: 0 HR LOT: # SPAN: 2 POINT: 0 HR SPAN: 0 HR SPAN: 1 O HR SENSITIVITY RANGE: # FULL: 0 HR SELECT TEST: LDH CTRL INTERVAL: 1000 UNIT: U/L SELECT SAMPLE TYPE: SER/PL EXPECTED RANGES: 100 YEARS 100 YEARS 100 YEARS 103 -227 100 YEARS 100

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912

Test: LIPASE

**Catalog #** : L7503

 APPLICATIC							
SELECT TEST: LIP							1 0
TEST NAME: LIP APP CODE: # User defined		/HME/PC			28 31 0 <b>//ARY)</b> : 66		
AFF CODE. # OSEI UEIIIIEU			WAVE	(Z <sup>NS</sup> /FKIII	// <b>AKT).</b> 00	00 040	
SAMPLE VOLUME CLASS	1 CLASS	2		REAG	ENT		
NORMAL:	3		3				<b>R1</b> : 195
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#		<b>D</b> 4. 0		<b>R3</b> : 65
	CL ASS	1 (1 // )	S 2 DEC/IN	ıc	<b>R4</b> : 0		
ABS. LIMIT:		I CLAS			INCRE	FASE	
PROZONE LIMIT: 0	10000	0		LOWE		L/ 10 L	
 APPLICATIO							
SELECT TEST: LIP					LAR		
POINT: 2 SPAN I AUTO CALIBRATION	PUINT: 2		WEIGH	II: U			
	OUT	CHAN	CEUVED				
BLANK: 0 HR			OLOVLI	SDII	<b>MIT</b> : 0.1		
			LE: #			<b>/IIT</b> : 10%	1000 ABS
2 POINT: 0 HR					ITIVITY RA	ANGE: #	#
FULL: 0 HR				S1 AB	S RANGE	: 0	2000
 APPLICATI	ION SCREI	EN DAN	GE WINDO	\٨/			
SELECT TEST: LIP	REPOR	T NAME	: LIPASE	••			
DATA MODE: ON BOARD		TEST	NAME: LIF	)			
CTRL INTERVAL: 1000		UNIT:	U/L		INSTR	R. FACTOR	A = 1.0 B = 0.0
SELECT SAMPLE TYPE: S	SER/PL						
EXPEC	TED RANG	GES:	EEN 4 4 1	_			VE TABLE
AGE 100 YEARS	MALE		FEMAL 0-62	.E	(1) 2.9	999 <3.0	<b>.</b>
100 YEARS 100 YEARS						(2) 0.0 (3) 0.0	
100 TEARS			0-62			(4) 0.0	
	0 02		0 02			(5) 0.0	
<b>DEFAULT RANGE</b> : OVER	100 YEAR	S				(6) 0.0	
<b>DEFAULT SEX</b> : MALE				REPE	AT RANG	E: # - #	
CLASS 1 TECHNICAL RAN	<b>IGE</b> : 0-650	CLAS	S 2 TECHN	ICAL RA	NGE: -99	999 -99999	)
 APPLICAT	ION SCREI	N OTH	FRS WIND	ΩW			
<standard></standard>	(1)	(2)	(3)	(4)	(5)	(6)	
CALIB. CODE:	#	#	• ,	• •	• •	` '	
CONCENTRATION:	0	#					
POSITION:	#	#					
SAMPLE VOLUME:	3	3	3	3	3	3	
	Λ	Λ	Λ	^	Λ	Λ	
DILUTED S. VOL: DILUENT VOLUME:	0 0	0	0 0	0 0	0 0	0 0	

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912
Test: MAGNESIUM
Catalog #: HM929-400

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APPLICATIC	NI CODEE	יאו אאואו	V7F W/MF	NOW.			
 SFLECT TEST: MAG	JN SCREE	.N, ANAL ΔΝΔΙ	YZE WINL Y7FR CY(	OW CLF TIME:	10 SEC	DII LIF	:NT: 00311 0
SELECT TEST: MAG TEST NAME: MAG	ASSAY	//TIMF/P	OINT: 2-P	OINT 10	31 0 0 0	)	
APP CODE: # User defined	7100711	/ 1 IIVIL_/I	WAVE	(2ND/PRI	MARY): 70	00 546	
7.1. 1 <b>332</b> 2.							
SAMPLE VOLUME CLASS	1 CLASS	52		REAG	SENT		
NORMAL:	3		3				<b>R1</b> : 250
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 250
					<b>R4</b> : 0		
		1 CLAS	SS 2 DEC/I	VC			
ABS. LIMIT:	0		0		INCRI	EASE	
PROZONE LIMIT: 0		0		LOWE	ER		
APPLICATIO	ON CODE	ENI CALI	DDATION	WINDOW			
SELECT TEST: MAG Point: 2 Span i	POINT: 2		WFIG	HT· ()	III L. LII	ILAN	
AUTO CALIBRATION	Olivi. Z		WLIO	111. 0			
	)I IT	CHAN	IGEOVER				
					<b>MIT</b> : 0.1		
BLANK: 0 HR SPAN: 0 HR		BOTT	LE: #	DUPL			100 ABS
2 POINT: 0 HR				SENS			
FULL: 0 HR				S1 AE	S RANGE	<b>ANGE</b> : # E: 0	9000
ADDITOAT	10N 00DE	-N DA	10E 14#1D	2144			
 APPLICATI							
SELECT TEST: MAG		KEPU	INTERNATION	: IVIAGNE	SIUIVI		
DATA MODE: ON BOARD		LEST	INAIVIE: IVI	AG	INICTE		D. Λ _ 1 Λ D _ Λ
CTRL INTERVAL: 1000 SELECT SAMPLE TYPE: S		UIVIII.	IVIEQ/L		IIISIT	K. FACTOR	<b>I.</b> A = 1.0 D = 0.
		CEC.			IISE (	ΤΑΤΙΙΛΙΙΓ	IVE TABLE
ΔGF	TED RAN	GLJ.	FΕMΔ	l F		999 <3.0	IVL TADLL
AGE 100 YEARS 100 YEARS	1 3-2 5		1 3-2	- -	(1) 2.	(2) 0.0	)
100 YEARS	1.3 2.5		1.3 2.0	5		(3) 0.0	
100 12/11/0	1.3-2.5		1.3-2.5	<u></u>		(4) 0.0	
	1.0 2.0		1.0 2.0	,		(5) 0.0	
DFFAULT RANGE: OVER	100 YFAR	!S				(6) 0.0	
DEFAULT RANGE: OVER DEFAULT SEX: MALE				REPE	AT RANG	E: # - #	
CLASS 1 TECHNICAL RAN	<b>IGE</b> : 0.0-4	.0 CLAS	S 2 TECHI	VICAL RA	NGE: -99	999 -9999	9
 APPLICATI		-					
<standard></standard>	(1) "	<b>(2)</b>	(3)	(4)	(5)	(6)	
CALIB. CODE:	#	#					
CONCENTRATION: POSITION:	0.0 #	# #					
POSITION: SAMPLE VOLUME:	# 3	# 3	2	3	2	2	
DILUTED S. VOL:	0	0	3 0	3 0	3 0	3 0	
DILUTED 5. VOL:	0	0	0	0	0	0	
DILUEINI VULUIVIE.	U	U	U	U	U	U	

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

Instrument Application

Analyzer: Hitachi 912
Test: MICROALBUMIN
Catalog #: M7562-100

-----APPLICATION SCREEN, ANALYZE WINDOW------**SELECT TEST**: u-ALB **ANALYZER CYCLE TIME: 10 SEC DILUENT:** 00311 0 TEST NAME: u-ALB **ASSAY/TIME/POINT**: 2-POINT 10 16 31 0 0 **APP CODE**: # User defined **WAVE (2ND/PRIMARY)**: 700 340 SAMPLE VOLUME CLASS 1 CLASS 2 REAGENT NORMAL: 10 10 R1: 300 DECREASE: # # **R2**: 0 INCREASE: R3: 100 **R4**: 0 **CLASS 1 CLASS 2 DEC/INC INCREASE** ABS. LIMIT: 32000 32000 PROZONE LIMIT: -32000 -32000 **LOWER** -----APPLICATION SCREEN, CALIBRATION WINDOW------**SELECT TEST: u-ALB CALIBRATION TYPE: NONLINEAR SPAN POINT:** 6 POINT: 6 WEIGHT: 0 **AUTO CALIBRATION** TIME OUT **CHANGEOVER** LOT: # BLANK: 0 HR SD LIMIT: 100 SPAN: 0 HR BOTTLE: # **DUPLICATE LIMIT**: 10% 10000 ABS 2 POINT: 0 HR SENSITIVITY RANGE: # FULL: 0 HR **S1 ABS RANGE**: -32000 32000 -----APPLICATION SCREEN, RANGE WINDOW------**SELECT TEST:** u-ALB **REPORT NAME: MICROALBUMIN** DATA MODE: ON BOARD TEST NAME: u-ALB CTRL INTERVAL: 1000 UNIT: MG/DL **INSTR. FACTOR:** A = 1.0 B = 0.0**SELECT SAMPLE TYPE: URINE EXPECTED RANGES: USE QUALITATIVE TABLE** (1) 2.999 < 3.0AGE MALE FEMALE 100 YEARS 0.0 - 2.10.0 - 2.1(2) 0.0(3) 0.0100 YEARS 0.0 - 2.10.0 - 2.1(4) 0.00.0 - 2.10.0 - 2.1(5) 0.0**DEFAULT RANGE**: OVER 100 YEARS (6) 0.0**DEFAULT SEX: MALE** REPEAT RANGE: # - # CLASS 2 TECHNICAL RANGE: -99999 -99999 CLASS 1 TECHNICAL RANGE: 0.5-30.0 -----APPLICATION SCREEN, OTHERS WINDOW-----<STANDARD> (1) (2) (6) CALIB. CODE: CONCENTRATION: 0.0 POSITION: SAMPLE VOLUME: 10 10 10 10 DILUTED S. VOL: 0 0 0 0 0 0 **DILUENT VOLUME:** 

# DENOTES A USER-DEFINED PARAMETER. INFORMATION IS SPECIFIC TO THE CHANNEL BEING USED, OR IT IS DETERMINED BY THE LABORATORY'S OWN PREFERENCE FOR OPERATION.

It is recommended that two levels of control material be assayed daily. Rev.8-03

**Instrument Application** 

Analyzer: Hitachi 912
Test: MICROPROTEIN
Catalog #: HP782-400

-----APPLICATION SCREEN, ANALYZE WINDOW------**SELECT TEST:** MIPRO **ANALYZER CYCLE TIME: 10 SEC DILUENT:** 00311 0 TEST NAME: MIPRO ASSAY/TIME/POINT: 1-POINT 10 31 0 0 0 **APP CODE**: # User defined **WAVE (2ND/PRIMARY):** 700 600 SAMPLE VOLUME CLASS 1 CLASS 2 REAGENT NORMAL: R1: 300 DECREASE: # **R2**: 0 INCREASE: **R3**: 0 **R4**: 0 CLASS 1 CLASS 2 DEC/INC ABS. LIMIT: **INCREASE** PROZONE LIMIT: 0 **LOWER** -----APPLICATION SCREEN, CALIBRATION WINDOW------**SELECT TEST: MIPRO CALIBRATION TYPE: LINEAR SPAN POINT**: 2 POINT: 2 WEIGHT: 0 **AUTO CALIBRATION** TIME OUT **CHANGEOVER** LOT: # BLANK: 0 HR SD LIMIT: 0.1 SPAN: 0 HR BOTTLE: # **DUPLICATE LIMIT**: 10% 100 ABS 2 POINT: 0 HR SENSITIVITY RANGE: # FULL: 0 HR S1 ABS RANGE: 0 7000 -----APPLICATION SCREEN, RANGE WINDOW------**SELECT TEST:** MIPRO **REPORT NAME: MICROPROTEIN** DATA MODE: ON BOARD **TEST NAME: MIPRO** CTRL INTERVAL: 1000 UNIT: MG/DAY **INSTR. FACTOR:** A = 1.0 B = 0.0**SELECT SAMPLE TYPE: URINE EXPECTED RANGES: USE QUALITATIVE TABLE** AGE MALE FEMALE (1) 2.999 < 3.0100 YEARS 28-141 28-141 (2) 0.0(3) 0.0100 YEARS 28-141 28-141 (4) 0.028-141 28-141 (5) 0.0**DEFAULT RANGE**: OVER 100 YEARS (6) 0.0**DEFAULT SEX:** MALE REPEAT RANGE: # - # CLASS 1 TECHNICAL RANGE: 0-250 CLASS 2 TECHNICAL RANGE: -99999 -99999 -----APPLICATION SCREEN, OTHERS WINDOW------<STANDARD> (1) CALIB. CODE: CONCENTRATION: 0 POSITION: SAMPLE VOLUME: 3 3 DILUTED S. VOL: 0 0 0 0 0 0 **DILUENT VOLUME:** 

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It is recommended that two levels of control material be assayed daily.  $\ensuremath{\mathsf{Rev.8-03}}$ 

Instrument Application

Analyzer: Hitachi 912
Test: PHOSPHORUS
Catalog #: HP916-1200

						•		
APPLICATIC	NI SCDEEN	Ι ΛΝΙΛΙ <b>V</b> 7	E WIND	ωωw				
SELECT TEST: PHOS TEST NAME: PHOS APP CODE: # 748	IN SCREEN	ANALYZER CYCLE TIME: 10 SEC DILUENT: 00311 ASSAY/TIME/POINT: 2-POINT 10 15 25 0 0 WAVE (2ND/PRIMARY): 700 340						0
SAMPLE VOLUME CLASS				REAGE				
NORMAL:	5 5	<u> </u>	5	KLAGL	INI		<b>R1</b> : 250	)
DECREASE:	#		#				<b>R2</b> : 0	
INCREASE:	#		#				<b>R3</b> : 100	)
					<b>R4</b> : 0			
		CLASS 2		VC				
ABS. LIMIT:		00000	0	LOWER	INCRE	ASE		
PROZONE LIMIT: -32000		-32000		LOWER				
 APPLICATIO	ON SCREE	N. CALIBR	ATION Y	WINDOW				
SELECT TEST: PHOS Point: 2 Span i	POINT: 2		WEIGH	HT: 0				
AUTO CALIBRATION								
	UT		EOVER					
	LOT: #			SD LIMI				
SPAN: 0 HR		BOTTLE	: #				200 ABS	5
2 POINT: 0 HR						NGE: #		2000
FULL: 0 HR								
 APPLICATI	ON SCREE	N. RANGE	WINDO	)W				
SELECT TEST: PHOS		REPOR1	NAME:	: PHOSPHO	ORUS			
DATA MODE: ON BOARD		TEST NA	ME: PH	HOS				
SELECT TEST: PHOS DATA MODE: ON BOARD CTRL INTERVAL: 1000		UNIT: M	G/DL		INSTR.	FACTOR	A = 1.0 B	= 0.0
SELECT SAMPLE TYPE: S	EK/PL							
EXPEC	TED RANG MALE	ES:		. –			VE TABLE	
AGE 100 YEARS	MALE		FEMAI	LE	(1) 2.9	99 < 3.0		
100 YEARS 100 YEARS						(2) 0.0		
100 TEARS						(3) 0.0 (4) 0.0		
	2.3-4.0		2.5-4.0	,		(5) 0.0		
<b>DEFAULT RANGE</b> : OVER	100 YFARS					(6) 0.0		
DEFAULT SEX: MALE	.00			REPEA <sup>T</sup>	T RANGE	: # - #		
CLASS 1 TECHNICAL RAN	<b>IGE</b> : 0.0-12	.0	CLAS	S 2 TECHNI			99 -99999	
 APPLICATI		-				·····		
<standard> calib. code:</standard>	(1) #	(2) #	(3)	(4)	(5)	(6)		
CALIB. CODE: CONCENTRATION:	# 0.0	#						
POSITION:	#	#						
SAMPLE VOLUME:	5	5	5	5	5	5		
DILUTED S. VOL:	0	0	0	0	0	0		
DILUENT VOLUME:	0	0	0	0	0	0		

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**Instrument Application** 

Analyzer: Hitachi 912

Test: RF

Catalog #: R7568

 APPLICATIO	ON SCREEN	N. ANAL	YZE WIND	OW			
SELECT TEST: RE	ANAI Y	7FR CY	CLE TIME:				
TEST NAME: RF		TIME/PO					
APP CODE: # User defined	t		WAVE	(2 <sup>ND</sup> /PRIM	<b>ARY)</b> : 70	00 340	
SAMPLE VOLUME CLASS	S 1 CLASS	2		REAGE	NT		
NORMAL:	3	_	3	1127102			<b>R1</b> : 250
DECREASE:	#		#				<b>R2</b> : 0
INCREASE:	#		#				<b>R3</b> : 50
					<b>R4</b> : 0		
	CLASS	1 CLAS	S 2 DEC/II	VC			
ABS. LIMIT:					INCRI	EASE	
PROZONE LIMIT:				LOWER	?		
 APPLICATI	ON SCRFF	N. CALII	BRATION '	WINDOW			
SELECT TEST: RF		CALIE					
POINT: SPAN	POINT:		WEIGH				
AUTO CALIBRATION							
TIME (	DUT	CHAN	GEOVER				
BLANK: 0 HR	LOT: #			SD LIM			
<b>SPAN</b> : 0 HR		BOTT	LE: #				10000 ABS
<b>2 POINT</b> : 0 HR						ANGE: #	#
FULL: 0 HR				S1 ABS	RANGE	:	
 APPLICAT	ION SCREE	N. RAN	GE WINDO	)W			
SELECT TEST: RF							
DATA MODE: ON BOARD		TEST	NAME: RI				
CTRL INTERVAL: 1000		UNIT:	U/ML		INSTF	R. FACTOR	A = 1.0 B = 0.0
SELECT SAMPLE TYPE: S							
	CTED RANG						IVE TABLE
AGE			FEMA	LE	(1) 2.9	999 <3.0	
100 YEARS			0-10			(2) 0.0	
100 YEARS	0-10		0-10			(3) 0.0	
	0-10		0-10			(4) 0.0	
DEFAULT DANCE: OVED	100 \/ \/ \ \ \					(5) 0.0	
DEFAULT RANGE: OVER DEFAULT SEX: MALE	TOU YEARS	)		DEDEV	T DANG	(6) 0.0 E: # - #	J
CLASS 1 TECHNICAL RAN	<b>\GF</b> ∙ ∩-3∩∩	CLAS	S 2 TECHN				9
					, ,	1111	•
 APPLICAT		-			/F\		
<standard> calib. code:</standard>	(1) #	<b>(2)</b>	(3)	(4)	(5)	(6)	
CALIB. CODE: CONCENTRATION:	# 0	# #					
POSITION:	#	#					
SAMPLE VOLUME:	3	3	3	3	3	3	
DILUTED S. VOL:	0	0	0	0	0	0	
DILUENT VOLUME:	0	0	0	0	0	0	
DILULIA TULUITLI	•	•	•	•	0	•	

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It is recommended that two levels of control material be assayed daily.

Instrument Application

Analyzer: Hitachi 912
Test: TOTAL PROTEIN
Catalog #: HT928-1200

SELECT TEST: TP TEST NAME: TP APP CODE: # 757	ANALYZ ASSAY/	ZER CYCLE TIME TIME/POINT: 2-P	: 10 SEC OINT 10 1	<b>OW</b> 10 SEC <b>DILUENT</b> : 00311 0 DINT 10 16 31 0 0 <b>IARY)</b> : 700 570				
SAMPLE VOLUME NORMAL: DECREASE:	3	3 #	REAGE	NT	<b>R1</b> : 250 <b>R2</b> : 0			
INCREASE:	#	#	INIO	<b>R4</b> : 0	<b>R3</b> : 100			
ABS. LIMIT: PROZONE LIMIT:	0	1 CLASS 2 DEC/ 0 -32000	LOWER	INCREASE				
SELECT TEST: TP POINT: 2 AUTO CALIBRATIO	SPAN POINT: 2	CALIBRATION WEIG	<b>TYPE</b> : LINE <b>GHT</b> : 0	AR				
	TIME OUT LOT: # 0 HR		SD LIMI	T: 0.1 ATE LIMIT: 109	6 100 ABS			
2 POINT: 0 HR FULL:	0 HR		SENSIT	IVITY RANGE: 1	# #			
APP	LICATION SCREE	N, RANGE WIND	OW					
SELECT TEST: TP		NAME: TOTAL						
DATA MODE: ON B CTRL INTERVAL: 1 SELECT SAMPLE T	000	UNIT: G/DL	۲	INSTR. FACT	OR: A = 1.0 B = 0.0			
	EXPECTED RANG	SES:		USE QUALITA				
AGE 100 YEAR 100 YEAR	S 6.2-8.5 S 6.2-8.5	FEM/ 6.2-8. 6.2-8.	5 5	(1) 2.999 <3.0 (2) (3) (4)	0.0 0.0 0.0			
DEFAULT RANGE: DEFAULT SEX: MA CLASS 1 TECHNICA	LE			(5) (6) T RANGE: # - CAL RANGE: - <sup>(</sup>	0.0 #			
CLASS I TECHNICA	AL NANGE. 1.0-13	.U CLAS	32 ILCIIN	CAL KANGL.	77777 -77777			
	LICATION SCREE			·				
<pre><standard> CALIB. CODE: CONCENTRATION: POSITION:</standard></pre>	<b>(1)</b> # 0.0 #	(2) (3) # # #	(4)	(5) (6)				
SAMPLE VOLUME: DILUTED S. VOL:	3 0 0	3 3 0 0 0 0	3 0 0	3 3 0 0 0 0				

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**Instrument Application** 

Analyzer: Hitachi 912
Test: TRIGLYCERIDES
Catalog #: HT932-1000

 APP								 <b>IT</b> : 00311 0
SELECT TEST: TR TEST NAME: TRIG	: :	ΔςςΔν/	AINAL 1.Z FIMF/POIN	ER CTCL IT: 1.POI	.E. I IIVIE. I NT 103	1	DILUEI	11. 00311 0
APP CODE: # 781					<b>NRY)</b> : 700			
7				. ,	,. 700	000		
SAMPLE VOLUME	CLASS 1	CLASS 2	<u>)</u>		REAGE	ΝT		
NORMAL:		3		3				<b>R1</b> : 300
DECREASE:		#		#				<b>R2</b> : 0
INCREASE:		#		#				<b>R3</b> : 0
					_	<b>R4</b> : 0		
ADO LIMIT			CLASS 2		2	MODE		
ABS. LIMIT:		0	0	0	LOWED	INCRE/	ASE	
PROZONE LIMIT:	0		0		LOWER			
 APF	OLICATION	N SCREEN	I CALIBR	ΔΤΙΩΝΙ Μ	INDOW			
 SELECT TEST: TR					ATION TY			
POINT: 2	SPAN PO	DINT: 2		WEIGH1	Γ: 0	. 2. 2	-7 (1 (	
AUTO CALIBRATIO								
	TIME OU	IT	CHANGE	OVER				
BLANK: 0 HR SPAN:		LOT: #			SD LIMI			
SPAN:	0 HR		BOTTLE	: #	DUPLIC	ATE LIMI	<b>T</b> : 10%	200 ABS
2 POINT: 0 HR					SENSITI	VITY RAI	NGE: #	#
FULL:	0 HR				S1 ABS	Range:	0	4300
A DI		N CODEE		. WINDON	.,			
 API SELECT TEST: TR								
DATA MODE: ON I						INDLO		
CTRL INTERVAL:						INSTR	FACTOR:	A = 10 B = 00
SELECT SAMPLE			O	OIDE			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	71 1.0 2 0.0
		ED RANG	ES:			USE QI	JALITATI\	/E TABLE
AGE		MALE		FEMALE	_	(1) 2.99	99 <3.0	
100 YEAF	RS	44-148		44-148 44-148 44-148		• •	(2) 0.0	
100 YEAF	RS	44-148		44-148			(3) 0.0	
		44-148		44-148			(4) 0.0	
							(5) 0.0	
DEFAULT RANGE:		00 YEARS			DESE : -		(6) 0.0	
DEFAULT SEX: M/							: # - #	
CLASS 1 TECHNIC	AL RANG	i <b>E</b> : 0-1000	CLASS 2	LECHNIC	CAL RANG	iE: -9999	99 -99999	
 API		NI SCDEE	N OTHER	S WINDO	١٨٧			
 <pre><standard></standard></pre>	LICATIO	(1)	(2)	(3)	(4)	(5)	(6)	
CALIB. CODE:		#	#	(0)	(")	(0)	(4)	
CONCENTRATION	:	0	#					
POSITION:		#	#					
SAMPLE VOLUME	:	3	3	3	3	3	3	
DILUTED S. VOL:		0	0	0	0	0	0	
DILUENT VOLUME	:	0	0	0	0	0	0	

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Instrument Application

**Analyzer:** Hitachi 912 **Test:** URIC ACID

Catalog #: HU982-615

								_	
	APPL	ICATION	SCREEN	ΔΝΔΙ Υ7Ι	- WINDOV	V			
SE TE	ELECT TEST: UA EST NAME: UA PP CODE: # 700		ANALYZI ASSAY/T	ER CYCLE	TIME: 10 T: 2-POIN	) SEC T 10 31	<b>DILUEN</b> 7 0 0 0		
CA	MDI E VOLUME	CLACC 1	CL ACC 1			DEACEN	ıT		
SA NC	AMPLE VOLUME DRMAL:	CLASS I	8		8	REAGEN	11		<b>R1</b> : 250
	CREASE:		#		#				<b>R2</b> : 0
	CREASE:		#		#				<b>R3</b> : 50
							<b>R4</b> : 0		
				CLASS 2	DEC/INC				
	BS. LIMIT:		0		0		INCREAS	SE	
PR	ROZONE LIMIT:	0		0		LOWER			
	APP	LICATION	LSCREEN	CALIBRA	NW MOITA	NDOW			
	LECT TEST: UA			CALIBRA					
	DINT: 2				WEIGHT:	0			
AL	JTO CALIBRATIC	N							
			Т						
			LOT: #			SD LIMIT			
	PAN:	0 HR		BOTTLE:					100 ABS
	POINT: 0 HR ILL:	0 HR				SENSITIN S1 ABS F			
FU	ILL.	UHK				31 AD3 F	KANGE. (	,	0000
	APF	PLICATIO	N SCREEN	I, RANGE	WINDOW				
	LECT TEST: UA								
DA	ATA MODE: ON E TRL INTERVAL: 1	BOARD		TEST NA	ME: UA				
CT	RL INTERVAL: 1	1000	D/DI	UNIT: MO	S/DL		INSTR. F	ACTOR:	A = 1.0 B = 0.0
SE	LECT SAMPLE T			-c.			HCE OH	A I IT A TIV.//	ETADLE
	AGE	EXPECTE	ED RANGI	<u>-</u> 5:	EEMALE		(1) 2.999	ALITATIVI	E TABLE
	100 YEAR	20	2.5-7.7		25-77		(1) 2.999	(2) 0.0	
	100 YEAR		2.5-7.7					(3) 0.0	
	100 12711		2.5-7.7		2.5-7.7			(4) 0.0	
								(5) 0.0	
DE	FAULT RANGE:	OVER 10	0 YEARS					(6) 0.0	
	FAULT SEX: MA						RANGE:		
CL	ASS 1 TECHNIC	AL RANG	<b>E</b> : 0.0-20.0	0	CLASS 2	TECHNIC	AL RANG	E: -9999	9 -99999
	APF		NI SCDEEN	I OTLIED	S WINDON	۸/			
2>	:APF STANDARD>	LICATIO	N SCREET	v, Отпек; (2)	(3)	(4)	(5)	(6)	
	ALIB. CODE:		#	#	(9)	(")	(9)	(4)	
	ONCENTRATION:		0.0	#					
PC	OSITION:		#	#					
	AMPLE VOLUME:		8	8	8	8	8	8	
	LUTED S. VOL:		0	0	0	0	0	0	
DII	LUENT VOLUME:		0	0	0	0	0	0	

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Instrument Application

Analyzer: Hitachi 912

Test: autoHDL

**Catalog #**: H7545

	ΔΡΡΙ ΙΟΔΤΙ	ON SCREEN	ΔΝΔΙ Υ7Ε	WINDO	Ν				
SELECT TES	T: HDL	ON SCILLIN	ANALYZE	RCYCL	E TIME: 1	I0 SEC	DILUEN	<b>IT</b> : 00311	0
SELECT TES TEST NAME:	HDL	ASSAY/T	TIME/POINT	T: 2-POIN	NT 10 1	5 31 0	0		
APP CODE:	#		WAVE (2 <sup>N</sup>	<sup>ID</sup> /PRIMA	<b>RY)</b> : 700	600			
SAMPLE VOI	LUME CLAS	S 1 CLASS 2	<u>.</u>		REAGE	NT			
NORMAL:		4		4				<b>R1</b> : 300	
DECREASE:		#		#				<b>R2</b> : 0	
INCREASE:		#		#		D4: 0		<b>R3</b> : 100	
		CL ASS 1	CLASS 2	DEC/INC		<b>R4</b> : 0			
ABS. LIMIT:		0		0	•	INCRE	ASE		
PROZONE LI			0		LOWER				
CELECT TEC									
SELECT TES POINT: 2	Π. Πυ <b>ι</b> <b>SPAN</b>	POINT: 2		WEIGHT	ATION IT	PE. LIIVI	LAK		
AUTO CALIB		1 01111. 2		VILICITI	. 0				
		OUT							
BLANK: 0 H					SD LIMI				
SPAN:			BOTTLE:	#					
<b>2 POINT</b> : 0 H FULL:	0 HR						NGE: #	#	3200
1 022	01110				0.7150	10	02000		0200
SELECT TES	T: HDL		REPORT	NAME: H	HDL				
DATA MODE CTRL INTER	: UN BUARL VAI · 1000	)	TEST NAM UNIT: MO	VIE: HDL :/DI		INISTD	EVCTUD:	A = 1.0 B	- 0 0
SELECT SAN	MPLE TYPE:	SER/PL	OIVII. IVIC	J/DL		INSTIC	. I ACTOR.	A - 1.0 D	- 0.0
<b>0</b> 0	EXPE(	CTED RANG	ES:			USE Q	UALITATI\	/E TABLE	
	E			FEMALE		(1) 2.9	99 < 3.0		
	YEARS						(2) 0.0		
100	) YEARS						(3) 0.0 (4) 0.0		
		30-33		45-05			(5) 0.0		
DEFAULT RA	ange: Over	100 YEARS					(6) 0.0		
DEFAULT SE							E: # - #		
CLASS 1 TEC	CHNICAL RAI	<b>NGE</b> : 0-150	CLASS 2	TECHNIC	CAL RANG	GE: -999	99 -99999		
	APPLICAT	ION SCDEE	N OTHEDS	: WINDO	١٨/				
<		(1)		(3)	(4)	(5)	(6)		
CALIB. CODE	Ξ:	#	#	` '	. 7	\-/	V-/		
CONCENTRA	ATION:	0	#						
POSITION:	LINAE.	#	#	4	4	4	4		
SAMPLE VOI DILUTED S. \		4 0		4 0	4 0	4 0	4 0		
DILUENT VO		0		0	0	0	0		
DIEGENT VO		~	-	-	~	-	-		

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