APPLICATION PROCEDURE

OLYMPUS AU2700/5400

α-AMYLASE

mod. IFCC

Liquid
2 Reagents

REF Cont.

D94570	**5 x 100 ml**	4 x 100 ml	Reagent 1	**4000 tests**
		1 x 100 ml	Reagent 2	125 µl/test
D94571	**5 x 50 ml**	4 x 50 ml	Reagent 1	**2000 tests**
		1 x 50 ml	Reagent 2	125 µl/test
D96569	**5 x 10 ml**	4 x 10 ml	Reagent 1	**400 tests**
		1 x 10 ml	Reagent 2	125 µl/test

D98485	5 x 3 ml	Calibrator	Diacal Auto
D98481	12 x 5 ml	Control normal	Diacon N
D98482	12 x 5 ml	Control abnormal	Diacon P

1. Reagent and Sample Preparation:

The reagents are ready to use. For Urine: dilute urine 1 + 1 with distilled water.

2. Instrument settings:

a) Substrate Start:

Temperature: 37 °C
Test Name: AMY | Type: Serum | Operation: Yes

Sample	Volume	2.0 µl	Dilution	0	µl
Reagents	R1 Volume	100 µl	Dilution	0	µl
	R2 Volume	25 µl	Dilution	0	µl

Wavelength	Pri	410	Sec	660
Method		RATE		
Reaction Slope		+		
Measuring point 1	First	20	Last	27
Measuring point 2	First		Last	
Linearity		15 %		
No-Lag-Time				
Pre-dilution Rate				

Min OD			Max OD	
		-0.100		1.200
Reagent OD Limit				
	First L	-0.100	First H	1.40
	Last L	-0.100	Last H	1.40
Dynamic Range				
	L	0	H	1200
Correlation Factor				
	A	1	B	0
On-board stability period		40 Days		

Value/Flag: # | Level L: # | Level H: #

Normal Ranges

	Sex	Age L Year	Age L Month	Age H Year	Age H Month
1	#	#	#	#	#
2	#	#	#	#	#
3	#	#	#	#	#
4	#	#	#	#	#
5	#	#	#	#	#
6	#	#	#	#	#
7	#	#	#	#	#

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	L	H		
Panic Value	#	#	Unit	U/L

Calibration Type	AB	Formula	Y=AX+B	Counts #

	Cal.No	OD	CONC	Factor OD-L	Factor OD-H
Point 1	*		*		
Point 2	*		*		
Point 3	*		*		
Point 4	*		*		
Point 5	*		*		
Point 6	*		*		
Point 7	*		*		

1-Point Cal. Point

MB Type Factor Calibration Stability Period

#) Data entry by the user
*) Enter calibration or standard value and position
**) The factor must be checked by a calibration serum.
***) For urine

NOTE:
These suggested instructions and instrument parameters are to be used in conjunction with the reagent package insert and the instrument operation manual. Refer to these documents for complete instructions before performing the tests.