Autokit CH50

DIMENSION® CE

Method: *In Vitro* Liposome Immunoassay

For determination of Total Complement Activity (CH50)

Ordering information

Product	Code No.	Content
Autokit CH50	995-40801	R1: 2 x 20 mL (Liposome) R2: 1 x for 20 mL (Substrate) R2a: 1 x 20 mL (Diluent)
CH50 Calibrator	997-43801	CAL: 5 conc. for 0.5 mL
Complement Control	991-43701	CONTROL L: 10 x for 0.5 mL (LOW) CONTROL H: 10 x for 0.5 mL (HIGH)

PREPARATION OF REAGENT:

R1: use as supplied.

R2 + R2a: working solution. Prepare like specified in packing insert (stability of working solution at 2 - 10°C / 40 days).

CALIBRATION: unit U/mL

Recommended coefficientes: $C_0 = 1.0$ $C_1 = 1.0$ $C_2 = 1.0$ $C_3 = 1.0$ $C_4 = 0.5$

MEASUREMENT MODE: KINETIC at 340 / 700 nm

PARAMETER SETTINGS FOR DIMENSION® ANALYZER

PROGRAMMING SCREEN 1

Channel:	*1	**Name:**	XCH50
Measurement	normal	Cal. curve	linear
Sample			

Time	Volume	Chase	Mix
0.0 sec.	4 µL	10 µL	middle

Reagent	Time	Comp.1	Comp.2	Comp.3.	Chase.	Mix
1.	-60.0	(A) 270 µL	( ) 0 µL -	( ) 0µL	0 µL	low
2.	257.3.	(B) 90 µL	( ) 0 µL -	( ) 0µL	20 µL	middle
3.	_____sec.	(_) _____ µL	(_) _____ µL	(_) _____ µL	_____	
PHOTOMETRY						
	P1 Time	P2 Time	P3 Time	P4 Time		
	564.0	600.0				
REAGENT CARTRIGE						
Well	--- 1 ---	--- 2 ---	--- 3 ---	--- 4 ---	--- 5 ---	--- 6 ---
Components	A	A	A	A	B	B
Aliq	15	15	15	15	30	30
Life (hrs) *2	72	72	72	72	72	72

PROGRAMMING SCREEN 2

Channel program	2 point			**Measuring filter**		340
Measurement	cinetic			**Reference filter**		700
	P1 Time	584.0	**Factor**	0.000	**IOD**	0.00
	P2 Time	600.0	**Factor**	0.000	**FOD**	0.00

REAGENT CARTRIGE LIFE: 72 HRS
CALIBRATION INTERVAL: 2160 HRS
MEASUREMENT MODE: CINETIC
RETURN 0;

mAU CALCULATION
A = BICH (P1, 405nm, 600nm);
B = BICH (P2, 405nm, 600nm);
C = RATIO (P1,P2, 405nm,600nm)

*1: Enter customer-defined channel number

*2: Enter Cartridge Stability for Reagent: 1 Week at 2 - 8°C.

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