

APPLICATION NOTER FOR

ROCHE HITACHI 917

The NGAL Test™ Reagent Kit

REF/Cat. No.	ST001RA		ST002RA	ST003RA
Prod. name	The NGAL Test™ Reagent Kit		The NGAL Test™ Calibrator Kit	The NGAL Test™ Control Kit
	R1	R2	50, 150, 600, 1500, 3000 ng/mL	Low and High
	1 x 35 mL	1 x 7 mL	5 x 1 mL	3 x 1 mL x 2 levels

Number of determinations: 1 mL of immunoparticle suspension **R2** provides 20 cuvette readings with the provided settings in this application. The dead volume of the analyzer and reagent container should be added when calculating the required amount of reagent.



CALIBRATION STABILITY

It is recommended to recalibrate every 4 weeks, when reagent lots change or quality control results fall outside the range as established by the individual laboratory.

TROUBLE SHOOTING

If performance is unacceptable, try to recalibrate. Check reagents and procedure. If the problem persists, please contact instrument supplier or reagent supplier.



APPLICATION PARAMETERS

Analyze	Calibration		Range	Standard Conc.	
Assay / Time / Point	2Point End		10	18	34
Wavelength (2nd / Primary)	800 / 570				
S. Vol (Normal)	3.0	0.0	0		
S. Vol (Decrease)	15.0	3.0	105		
S. Vol (Increase)	6.0	0.0	0		
Diluent / Rgt.	(Saline)		0		
Reagent (T1)	150	0	0		
(T2)	0	0	0		
(T3)	50	0	0		
(T4)	0	0	0		
ABS. Limit	32000 Increase				
Prozone Limit	-32000 Lower				
Cell Detergent	*1		*1: Alkaline detergent		

Analyze	Calibration		Range	Standard Conc.	
Calibration Type	Spline				
Point	6	Span Point	6		
Weight	0				
Auto Time Out	Blank	0	Auto Change	Lot	Cancel
	Span	0		Bottle	Cancel
	2Point	0			
	Full	0			
SD Limit	100.0				
Duplicate Limit	32000				
Sensitivity Limit	-99999	99999			
S1 ABS Limit	-32000	32000			

Analyze	Calibration		Range	Standard Conc.	
Application Code	*****				
Unit	ng/mL				
Report Name					
Data Mode	On Board				
Control Interval	0				
Instrument Factor (Y= aX + b)	a=	1.0	b=	0.0	
Technical Limit	-9999		3000.0		
Expected Value				Qualitative	No
(Male)	100 Y	-99999 999999		(1)	0
	100 Y	-99999 999999		(2)	0
		-99999 999999		(3)	0
(Female)	100 Y	-99999 999999		(4)	0
	100 Y	-99999 999999		(5)	0
		-99999 999999		(6)	0

Analyze	Calibration			Range		Standard Conc.
< STD >	(1)	(2)	(3)	(4)	(5)	(6)
Conc.	0	50	150	600	1500	3000
Posi.	*2	*2	*2	*2	*2	*2
Sample	3.0	3.0	3.0	3.0	3.0	3.0
< Pre Dil.>						
Pre.	0.0	0.0	0.0	0.0	0.0	0.0
Dil.	0	0	0	0	0	0
Calib.	0	0	0	0	0	0

*2: To be defined by operator.