

APPLICATION NOTE FOR

SIEMENS ADVIA® 1800⁽¹⁾

The NGAL Test™ Reagent Kit

REF/Cat.No.	ST001RA		ST002RA	ST003RA
Product. 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 50 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.



Regulatory status: For Research Use Only. Not for use in diagnostic procedures.

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.

⁽¹⁾ ADVIA® is a registered trademark of Siemens Healthcare Diagnostics Inc., New York, USA.



APPLICATION PARAMETERS

Analytical conditions

R1 volume	60.00	Serum reac.s.vol	7.20	Reaction time	10 min. ▼
R2 volume	20.00	Serum dil.method	Special ▼	Reagent 1 stir	Strong ▼
R1 diluent	0.000	Serum dil.s.vol	30.0	Reagent 2 stir	Strong ▼
R1 diluent	0.000	Serum dil.volume	60.0		
		Serum dil.posit	0		

Sub Param. # 1 - 1 up down

Sub-analy. Conditions

Name	NGAL	Digits	0
Unit	ng/mL ▼		
M-wave. L.	571 nm ▼		
S-wave. L.	**** ▼		
Analy.mthd	EPA ▼		
Calc.mthd	MSTD ▼		
Qualit.judg	Not do ▼		

Standard setting

FV	1.0000	Abnml(serum)H	3000
		Abnml(serum)L	-999999
		Abnml(urine)H	3000
		Abnml(urine)L	-999999

Reanalysis conditions

Sample vol. (u)	3.6
Dilution mode (u)	None ▼
Diluted sample vol. (u)	0.000
Diluent vol. (u)	0.000
Diluent position (u)	0
Sample vol. (d)	3.00
Dilution mode (d)	Special ▼
Diluted sample vol. (d)	30.00
Diluent vol. (d)	60.0
Diluent position (d)	0

Calculation method setting

M-DET.P.l	0	S-DET.P.p	51	Reac. type	Inc. ▼
M-DET.P.m	74	S-DET.P.r	53	Max Limit	2.500
M-DET.P.n	76			*Reaction rate method	
Check D.P.l	0			Cycle	3
Limit value	0.003			Factor	3.0
Variance	30.0			E2 corre	Not do ▼
*Prozone					
Prozone form.	Prozone formula ▼			Blank (u)	9.9999
Prozone limit	0.150			Blank (d)	-9.999
Prozone judge	Upper limit ▼			Sample (u)	9.9999
Judge limit	0.001			Sample (d)	-9.999
M-DET.P.m	57	S-DET.P.p	49	*Endpoint method	
M-DET.P.n	59	S-DET.P.r	51	Re.absorb (u)	9.9999
				Re.absorb (d)	-9.999

Multi-STD

Cal. Mode Corrected spline Axis exchange No Points 6

BLK *1	FV	Dilution mode	Serum dil.s.vol	Serum dil.vol.	Serum dil.posit	STD-H	STD-L
1	50	Special ▼	30.0	60.0	C- 0	9.99999	-9.9999
2	150	Special ▼	30.0	60.0	C- 0	9.99999	-9.9999
3	600	Special ▼	30.0	60.0	C- 0	9.99999	-9.9999
4	1500	Special ▼	30.0	60.0	C- 0	9.99999	-9.9999
5	3000	Special ▼	30.0	60.0	C- 0	9.99999	-9.9999

*1: Use saline as blank solution

