

CREATINE KINASE (CK)

Continuous-spectrophotometric
IFCC

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

Instrument: AEROSET

Reagent preparation

Working Reagent: Reconstitute the contents of a Reagent B vial with 2.5 mL (if 20 x 2.5 mL size) or 15 mL (if 10 x 15 mL size) of Reagent A. Swirl gently. Stable for 15 days at 2-8°C.

Instrument settings

OUTLINE		<u>Dil. 2</u>	
Test Name	CK	S. Vol.	10.0
Assay #		DS. Vol.	2.0
Line	B	D. Vol.	90
Linear low	1.0	W. Vol.	0
Min.	1.0	Diluent	Saline
Reference low	24	Reagent 1	200
Reference high	195	W. Vol.	0
Max.	7400	Reagent 2	0
Linear high	740	W. Vol.	0
		Factor	1.0
BASE		Intercept	0.0
Reaction mode	Rate up	Decimal places	0
Primary Wavelength	340	Units	U/L
Secondary Wavelength	412		
Main read time	11-20	CALIBRATION	
Flex read time	7-12	<u>Calibration mode</u>	Factor
Abs. Max. Var.	N/A	Factor	3800
Linearity %	10	Use cal. Factors from	N/A
Sample Blank Test	--	Interval	720 Hrs.
Blank read time	--	Blank/cal. Replicates	3/0
Abs. Limits	0-3.0	Blank	Water
Sample volume (µL)	10.0	S. Vol.	2.0
DS. Vol.	0	DS. Vol.	0
D. Vol.	0	D. Vol.	0
W. Vol.	0	W. Vol.	0
<u>Dil. 1</u>		C1 C2	--
S. Vol.	10.0	S. Vol.	0
DS. Vol.	2.0	DS. Vol.	0
D. Vol.	40	D. Vol.	0
W. Vol.	0	W. Vol.	0
(*) Enter the value of the calibrator			
(**) Enter the position of the calibrator			