

# 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: **ADVIA 1650**

### 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

ANALYTICAL PARAMETERS		Reanalysis conditions		Multi-Standards setting			
<u>Analytical Conditions</u>		Serum reac. smp. vol. (μ)	3.00	Formula	Linear correction	Axis conv.	No convert.
R1 volume	80.00	Serum dilut. method (μ)	None	Points		2	
R2 volume	0.00	Serum reac. smp. vol. (d)	3.00		FV	MEAN	
R3 volume	0.00	Serum dilut. method (d)	None		0.00	...	
R4 volume	0.00			BLK	*	...	
R1 diluent vol.	0.00	<u>Standards setting</u>		1			
R2 diluent vol.	0.00	BLK H	9.9999				
R3 diluent vol.	0.00	BLK L	-9.9999				
R4 diluent vol.	0.00	STD H	9.9999				
Serum reac. s. vol.	20.0	STD L	-9.9999				
Serum dil. method	Standard	FV	*				
		Abnml. (serum) H	99999				
Reaction time	10 min.	Abnml. (serum) L	-9999				
Reagent 1 stir.	Weak						
Reagent 2 stir.	Weak						
Reagent 3 stir.	Weak						
Reagent 4 stir.	Weak						
		<u>Calculation method setting</u>					
		M-DET. P. l	0	Prozone		Reaction rate method	
		M-DET. P. m	30	Prozone form.	None	Cycle	3
		M-DET. P. n	60	Prozone limit	9.999	Factor	3.0
		S-DET. P. p	0	Prozone judge	Upper limit	Reac. Type	Inc.
		S-DET. P. r	0	Judge limit	9.999	E2 corre.	Do
				M-DET. P. m.		Blank (μ)	9.9999
		Check D.P.I.	0	M-DET. P. n.		Blank (d)	-9.999
		Limit value	0.003	S-DET. P. p.		Sample (μ)	9.9999
		Variance	10.0	S-DET. P. r.		Sample (d)	-9.999
						<u>Endpoint method</u>	
						Re. Absorb (μ)	9.9999
						Re. Absorb (d)	-9.999
<u>Sub-analy. conditions</u>							
Name	CK						
Digits	2						
M-wave. L.	340 nm						
S-wave. L.							
Analy. mthd.	RRA						
Calc. mthd	STD						
Qualit. judg.	Not do						