

# CREATINE KINASE

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.

## Instruments: EXPRESS 550 / Plus

### Reagent preparation

Working Reagent: Empty the contents of a Reagent B bottle into a Reagent A bottle. Swirl gently.  
Stable for 15 days at 2-8 °C.

### Instrument settings

Test Name	CK	Test	CK		
Test Bar Code					
Test Type	Kinetic	Curve Type	Blanked Linear		
Units	U/L	Nr. of Decimal Places	0		
Primary Wavelength	340	Secondary Wavelength			
Read Time/Interval	30	Sample Blank	No		
Factor					
Calibration Interval	168 hours				
Nr. of Calibrators	2	Nr. of Replicates	2		
Low Blank A Limit	-0.100	High Blank A Limit	0.500		
Low A Limit	-0.200	High A Limit	2.000		
Low Normal	24	High Normal	195		
Linearity Limit	900	Curve S.D. Limit	8.0		
Sample Volume	12 µL	Test	CK		
Rerun Dilution Ratio	2				
Sample Diluent Bottle Type	*	Predilution Ratio	1		
Reagent Diluent Bottle Type	*				
	Reagent Volume	Bar Code	Diluent Volume	Lag Time	Bottle Type
Reagent 1	300 µL	CK1A		200	*
Reagent 2					

\* Enter the bottle type: plastic or glass