

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.

Ins Instrument: **PRESTIGE 24i(=LABMAX 240, ZAPHYR 400)**

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

Item Name	CK		CALIBRATION			
DATA INFORMATION			Type	LINEAR		
Units	U/L		STANDARD			
Decimal	0		#1	*	#4	
			#2		#5	
ANALYSIS			#3		#6	
Type	RATE					
Main W. Length 1	340		NORMAL RANGE			
Main W. Length 2	700				MALE	FEMALE
Method	IFCC			LOW	HIGH	LOW
			SERUM	38	174	26
			URINE			140
CORR.						
Y =	Slope	Inter				
	1	0				
ASPIRATION			DATA PROCESS		ABSORB LIMIT	
KIND	Single		READ	START	END	
			MAIN	24	36	Low -0.10
SAMPLE	VOLUME		SUB			High 2.0
REAGENT 1 VOL	15 µL					
REAGENT 2 VOL	300 µL					
	µL					
	Third Mix.		FACTOR			ENDPOINT LIMIT 0
	OFF		Blank correction	---		
R1 Blank	Water Blank				LINEAR CHECK (%) 15	
Auto Rerun SW	On		Auto Rerun Condition		(Absorbance)	
			Absorbance Range		Lower On	
Auto Rerun Range(Result)	On				Higher On	
	Lower	Higher	Prozone Range		Off	
Serum	0	900				
Urine	---	---				

* assigned standard value