

# α-AMYLASE

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

### Reagent preparation

Working Reagent: Pour the contents of the Reagent B into the Reagent A bottle. Mix gently. Other volumes can be prepared in the proportion: 4 mL Reagent A + 1 mL Reagent B. Stable for 20 days at 2-8°C.

### Instrument settings

Item Name	AMYL		CALIBRATION				
DATA INFORMATION			Type	LINEAR			
Units	U/L		STANDARD				
Decimal	0		#1	*	#4		
			#2		#5		
ANALYSIS			#3		#6		
Type	RATE						
Main W. Length 1	405		NORMAL RANGE				
Main W. Length 2	660			MALE	FEMALE		
Method	IFCC		LOW	HIGH	LOW	HIGH	
			SERUM	28	100	28	100
			URINE				
CORR.							
Y =	Slope	X	+	Inter			
	1			0			
ASPIRATION			DATA PROCESS	ABSORB LIMIT			
KIND	Single		READ	START	END		
		VOLUME	MAIN	16	28		
SAMPLE		9 μL	SUB				
REAGENT 1 VOL		300 μL			Low 0.0		
REAGENT 2 VOL		μL			High 0.80		
		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	1200					
Urine	---	---	* assigned standard value				