

GLUCOSE

Enzymatic-spectrophotometric
GLUCOSE OXIDASE/PEROXIDASE

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

Reagent is ready to be used.

Instrument settings

Item Name	GLU		CALIBRATION			
DATA INFORMATION			Type	LINEAR		
Units	mg/dL		STANDARD			
Decimal	0		#1	*	#4	
			#2		#5	
ANALYSIS			#3		#6	
Type	END		NORMAL RANGE			
Main W. Length 1	505		MALE		FEMALE	
Main W. Length 2	700		LOW	HIGH	LOW	HIGH
Method			SERUM	76	110	76 110
			URINE			
CORR.						
Y =	Slope	X	+	Inter		
	1			0		
ASPIRATION			DATA PROCESS		ABSORB LIMIT	
KIND	Single		READ	START	END	
	VOLUME		MAIN	30	32	Low -0.10
SAMPLE	3 µL		SUB			High 0.50
REAGENT 1 VOL	300 µL		FACTOR		ENDPOINT LIMIT 2.5	
REAGENT 2 VOL	µL		Blank correction ---		LINEAR CHECK (%) 0	
R1 Blank	Water Blank		Third Mix. OFF			
Auto Rerun SW	On		Auto Rerun Condition (Absorbance)			
			Absorbance Range		Lower	On
Auto Rerun Range(Result)	On		Prozone Range		Higher	On
	Lower	Higher				Off
Serum	0 500					
Urine	---		* assigned standard value			