

ASPARTATE AMINOTRANSFERASE (AST/GOT)

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 a Reagent B bottle into a Reagent A bottle. Mix gently.
Stable for 2 months at 2-8°C.

Instrument settings

Item Name	AST		CALIBRATION		LINEAR	
DATA INFORMATION			Type			
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	HIGH
			0	40	0	40
CORR.			SERUM	URINE		
Y =	Slope	Inter				
	1 X	+ 0				
ASPIRATION			DATA PROCESS	ABSORB LIMIT		
KIND	Single		READ	START	END	
	VOLUME		MAIN	14	24	Low 0.60
SAMPLE	30 µL		SUB	High 2.0		
REAGENT 1 VOL	300 µL		FACTOR		ENDPOINT LIMIT 0	
REAGENT 2 VOL	µL		Blank correction ---			
R1 Blank	Water Blank		Third Mix. OFF		LINEAR CHECK (%) 20	
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	0 250					
Urine	---		* assigned standard value			