

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: HITACHI 917

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

ANALYZE		CALIB	
Assay/Time/Point	Rate A / 4 / 4-13	Calibration Type	Linear
Wavelength (Second./Main)	0 / 415	Points/Span Point	2 / 2
Sample Volume (Normal)	6 / 0 / 0 Urine: 3 / 0 / 0	Weight	0
(Decreased)	3 / 0 / 0 10 / 10 / 190	SD Limit	0.1
(Increased)	8 / 0 / 0 6 / 0 / 0	Duplicate Limit % / Abs	10 / 50
Diluent/Expiration	951 / 99	Sensitivity Limit	-9999 / 9999
Reagent (R1) T1	200 / 0 / ... / 90	Abs. S1 Limit	-32000 / 32000
(R2) T2	0 / 0 / ... / 0	OTHERS	
(R3) T3	0 / 0 / ... / 0	<i>Calib. Code</i>	<i>Concentration</i>
(R4) T4	0 / 0 / ... / 0		<i>Position</i>
Abs. Limit	10500 – Increase	(1) ...	0
Prozone Limit	-32000 – Lower	(2) ...	*
Washing Solution	Detergent 1	(3)	
		(4)	
		(5)	
		(6)	
RANGE			
Application N° / Units	... / U/L	<i>Sample volume</i>	<i>Diluted</i>
Name	Amylase		<i>Diluent</i>
Control Interval	1000	(1) 6	0
Instrument Factor	a = 1.0 b = 0.0	(2) 6	0
Technical Limit	3 – 1300 (serum) 2600 (urine)	(3)	
Repetition Limit	3 – 1300 (serum) 2600 (urine)	(4)	
References Values Male	28 - 100 (serum) 491 (urine)	(5)	
Female	28 - 100 (serum) 491 (urine)	(6)	
Default			
... Data entered by the operator		* assigned value	