

Amylase Test Kit

Kinetic Colorimetric

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	405 nm
Cuvette	1 cm light path
Reaction Temperature	37°C
Measurement	Against distilled water
Reaction Type	Kinetic test
Reaction Direction	Increasing
Sample Volume	20 µl
Reagent Volume	1000 µl
Delay/Lag/time	60 Secs
Interval time	30 Secs
No. of Readings	04
Blank Absorbance limit	< 0.800
Factor	3806
Low Normal at 37°C	0 IU/L
High Normal at 37°C	130 IU/L
Linearity at 37°C	2000 IU/L

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	Serum/Plasma	Urine
Sample	20 µl	10 µl
Reagent	1000 µl	1000 µl

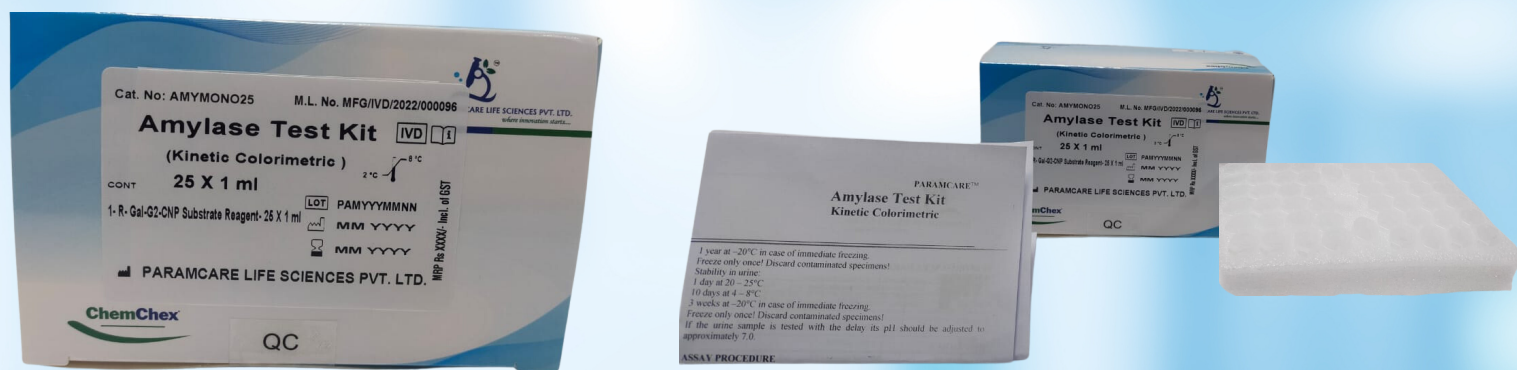
Mix well and let stand for 1 min. at 37°C.
Read initial absorbance and start timer
simultaneously

SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 2000 IU/L (serum / plasma) or upto 6000 IU/L (urine).
2. Samples above this concentration should be diluted 1:2 & retested.
3. Multiply the final result by 2.

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LINEARITY

This method is linear upto a concentration of 2000 IU/L (serum / plasma) or upto 6000 IU/L (urine). Samples above this concentration should be diluted 1:2 & retested. Multiply the final result by 2.

Limit of detection: The limit of detection for α -Amylase is 3 IU/L.

Corporate Office:-

C/609, 6th Floor, Mittal Commercial, Unit 2,
Hasan Pada Road, Chimatpada Marol, Andheri
(E), Mumbai - 400059.

Factory Address:-

G/F- 12/13, Evershine-2, Survey NO.
307/3/1, Balitha, N.H No 48, Vapi,
Valsad, Gujarat, 396191.