BIOBOON BIOTECH LLC

Innovative Diagnostics for a Healthier Tomorrow



For Serum, Plasma & Urine

Amylase Test Kit

Kinetic Colorimetric Method

Quantitative determination of Amylase in human Serum / Plasma / other body fluids.
Only for In Vitro Diagnostic use.



- Accurate Results
- Kinetic Colorimetric (405 nm)
- Easy to Use
- Serum / Plasma & Urine
- Wide Linearity (up to 2000 IU/L)

TEST PRINCIPLE

Amylase hydrolyzes Gal G2 CNP substrate to release 2-chloro-4-nitrophenol (CNP). The increase in absorbance at 405 nm is directly proportional to amylase activity in the sample.

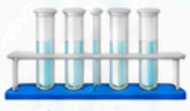


Gal G2 CNP (Substrate) → 2-Chloro-4-nitrophenol (CNP) (405 nm)

KEY PARAMETERS

Wavelength	405 nm
Reaction Temperature	37°C
Sample Volume	20 µL
Reagent Volume	1000 µL
Delay Time	60 Secs
Interval Time	30 Secs
Linearity	2000 IU/L

TEST PROCEDURE (MANUAL METHOD)

1. 
Pipette into test tubes

Serum / Plasma	20 µL
Urine	10 µL
Reagent	1000 µL

2. 

Mix well and incubate at 37°C for 60 seconds.

3. 
Measure absorbance increase every 30 sec for 2 minutes and determine ΔA/min.

REFERENCE VALUES (37°C)

Serum	0 – 130 IU/L
Urine	0 – 490 IU/L

ORDER INFORMATION

REF	Pack Size
AMYMONO 25	25 X 1 ml
AMYMONO 50	50 X 1 ml
AMY 25	1 X 25 ml
AMY 50	2 X 25 ml
AMY 50	1 X 50 ml
AMY 100	1 X 100 ml
AMY 1000	1 X 1000 ml
AMY 5000	1 X 5000 ml
AMY 10000	1 X 10000 ml

SAMPLE TYPES



Serum (non-hemolysed)

Plasma (use heparin)

Urine (adjust pH to ~7.0) if delayed)

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Global Diagnostic Solutions for a Brighter, Healthier World

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