

arkray

Blood Ammonia Analyzer

PocketChem™ BA

PA 4140

BLOOD AMMONIA ANALYSIS SIMPLIFIED

Accurate measurement of blood ammonia
Anytime, anywhere... in just 3 mins

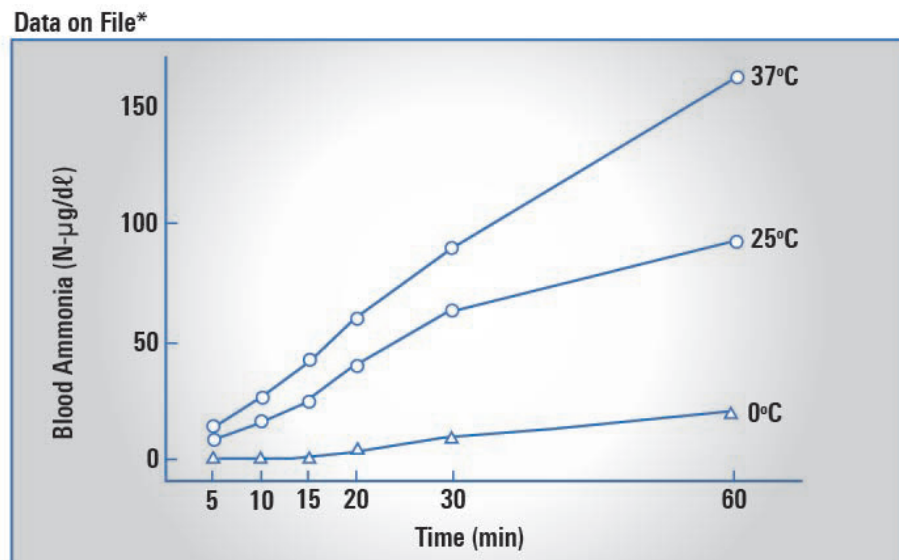
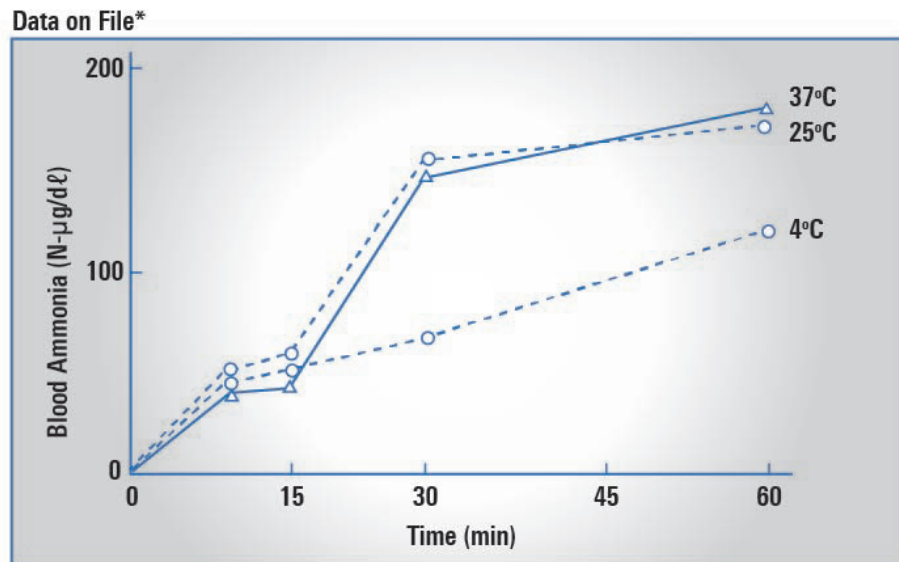


Made in JAPAN

arkray healthcare Pvt. Ltd.

www.arkray.co.in

ACCURATE BLOOD AMMONIA MEASUREMENT- A CHALLENGE



Ammonia levels in collected blood sample increases rapidly with passage of time & storage at different temperatures.

Hence test should be performed within shortest possible time from sample collection.

Note: production of ammonia during centrifuging also causes elevated results.

NOW MEASURE BLOOD AMMONIA LEVELS ACCURATELY IN JUST 3 MINS



- Dry Chemistry based on a microdiffusion method provides high-precision
- Direct whole blood analysis (No Sample Pre treatment) ensures no elevated results due to production of ammonia during centrifuging
- The risk of falsified results due to evaporation of ammonia from the sample at room temperature is avoided
- 99% correlational with enzymatic UV method ensures accuracy
- Minimal sample volume requirement, only 20 μ L
- Special aluminium foil packaging of reagent ensures stability till expiry (18 months)
- Storage of strips at Room Temperature (15- 30°C)

Complicated deep frozen transport of ammonia samples is now a past.

PERFORMING A TEST



Drop a blood sample on the test strip and press start key.



When buzzer sounds after 180 seconds, rip off the spacer part of the test strip.



Place the test strip with the spacer part ripped off on the test strip tray.



Measurement result will be shown.



Hard copy of measurement result can be obtained by connecting a printer.

ANALYZER SPECIFICATIONS

Sample	Whole Blood
Measurement item	Blood Ammonia
Measurement principle	Test strip, single wavelength reflection measurement method
Measurement range	7 - 286 $\mu\text{mol/L}$ (10 - 400N - $\mu\text{g/dL}$)
Measurement wavelength	635nm (LED)
Sample amount	20 μL
Test strip	Ammonia Test Kit II
Reaction time	Approx. 3minutes 20seconds/ test
Warm-up time	1 - 2minutes
Display	LCD
Operator panel	Panel sheet (numeric and function key pad, 12 keys in total)
Memory capacity	50measurements
External output	RS-232C
Temperature compensation function	Automatic compensation by built-in temperature sensor
Measurement conditions	Temperature : 10 -35 $^{\circ}\text{C}$, Humidity : 25 - 85% relative humidity
Dimensions	124 (width) \times 85 (depth) \times 38 (height) mm
Weight	Approx. 150g without batteries
Power supply	AA-sized dry battery \times 2 or AC adapter

PRINTER SPECIFICATIONS

Printer	Thermal line printer
Printer paper	Thermal paper (58mm (W) \times 726mm)
Dimensions	125 (width) \times 133 (depth) \times 36 (height) mm
Weight	180g
Power supply	AC adapter
Consumed electricity	20W
Electric connection with analyzer	Contact connection

For more information contact:

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