

Albumin Test Kit

Bromocresol Green Method

INTERPRETATION OF RESULTS

Automated Parameters	
Wavelength	620 nm
Cuvette	1 cm light path
Reaction Temperature	Room Temperature
Measurement	Against Reagent Blank
Reaction	End Point
Reaction Direction	Increasing
Sample Volume	5 μ l
Reagent Volume	1000 μ l
Incubation	5 minutes
Blank Abs. Limit	< 0.200
Low normal	3.5 g/dl
High Normal	5.2 g/dl
Linearity	8.0 g/dl

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	5 μ l
Standard	-	5 μ l	-
Reagent	1000 μ l	1000 μ l	1000 μ l

Mix well, and wait for 5 mins at Room Temperature. Measure the absorbance of the Sample (Abs. T) and Standard (Abs. S) against the reagent blank.

SAMPLE DILUTIONS:

1. If the Albumin concentration exceeds the reagents reportable dynamic range (Linearity) of 10gm/dl.
2. Dilute 1part of serum/plasma with 1part of isotonic saline. e.g 10 μ l serum/plasma and 10 μ l isotonic saline.
3. Multiply the result with dilution factor 2 to obtain an estimate the of the original samples albumin concentration.

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LINEARITY

The method is linear to a concentration of 8.0 g/dl. If the concentration exceeds this value, the sample should be diluted 1:1 with 0.9% saline solution and reassayed. Multiply the result by 2.

Limit of detection: 0.1 g/dl.

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