

Potassium Test Kit Colorimetric

ASSAY PROCEDURE

AUTOMATED PARAMETERS	
Wavelength	630 nm
Reaction Type	End Point
Cuvette	1 cm light path
Reaction Temperature	RT
Reaction Type	Increasing
Measurement	Against Reagent Blank
Sample Volume	20µl
Reagent Volume	1000µl
Incubation	05 minutes
Blank Absorbance Limit	< 0.080
Low Normal at 37°C	3.5 mEq/l
High Normal at 37°C	5.5 mEq/l
Linearity at 37°C	7 mEq/l

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	20µl
Standard	-	20µl	-
Reagent	1000µl	1000µl	1000µl

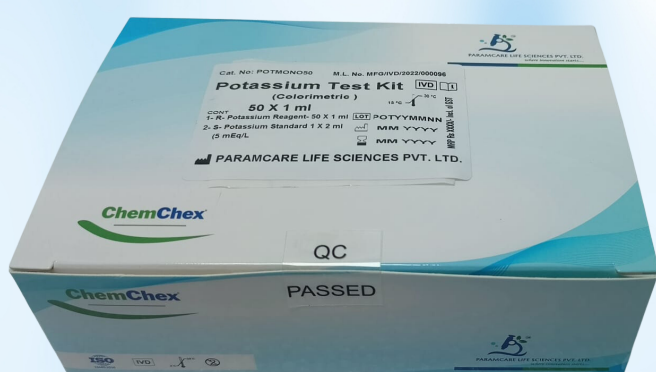
**Mix & Incubate for 05 min. at R.T.
Measure absorbance of Sample (AT)
and Standard (AS) against Reagent
Blank at 630 nm.**

SAMPLE DILUTIONS:

1. This method is linear up to a concentration of 7 mEq/l.
2. Dilute samples above this concentration 1:1 with 0.9% saline.
3. Repeat assay. Multiply the result by 2.

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LINEARITY

The method is linear up to a concentration of 7 mEq/l.
Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.

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