

Sodium 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 | 10 μ l |
| Reagent Volume | 1000 μ l |
| Incubation | 05 minutes |
| Blank Absorbance Limit | < 1.300 |
| Low Normal at 37°C | 135 mEq/l |
| High Normal at 37°C | 155 mEq/l |
| Linearity at 37°C | 180 mEq/l |

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes

| | BLANK | STD | SAMPLE |
|----------|--------------|--------------|--------------|
| Sample | - | - | 10 μ l |
| Standard | - | 10 μ l | - |
| Reagent | 1000 μ l | 1000 μ l | 1000 μ l |

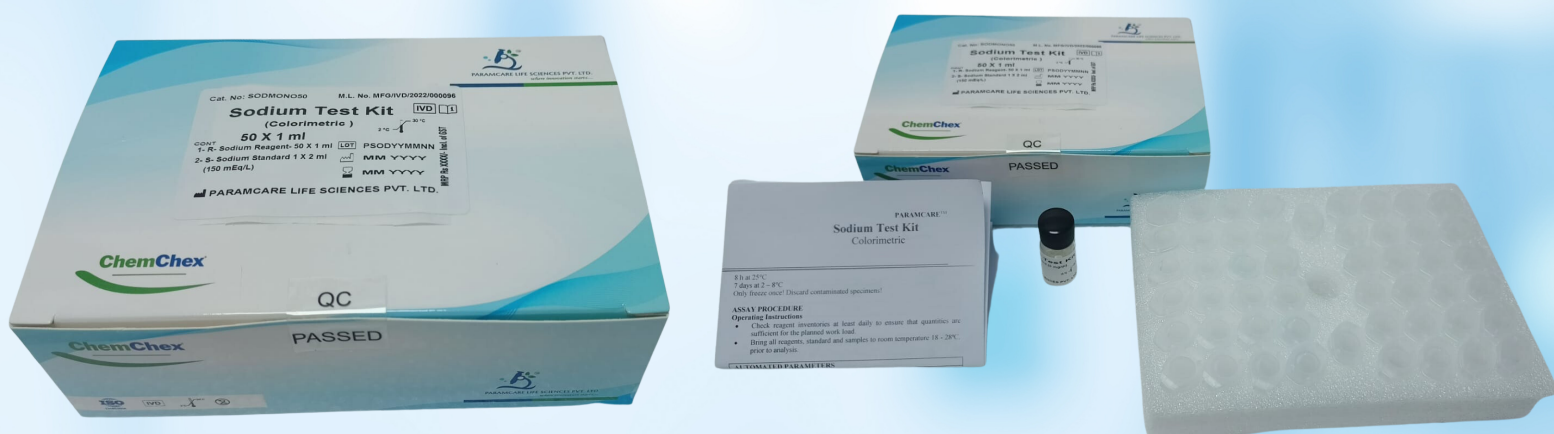
**Mix & Incubate for 05 min. at R.T.
Measure absorbance of Sample
(AT) and Standard (AS) against
Reagent Blank at 630 nm.**

SAMPLE DILUTIONS:

1. This method is linear up to a concentration of 180 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 180 mEq/l. dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay.
Multiply the result by 2.

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.