

Calcium Test Kit Arsenazo III

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	650 nm (620 – 650 nm)
Measurement	Against Reagent blank
Reaction Temperature	RT (22-30°C)
Reaction Type	End Point
Reaction Direction	Increasing
Incubation	5 Min.
Sample Volume	25 µL
Reagent I Volume	1000 µL
Blank Absorbance Limit	< 0.80
Units	mg/dL

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	Blank	Standard	Test
Reagent 1	1000µL	1000µL	1000µL
Standard	--	25µL	--
Sample	--	--	25µL

Mix Well & Incubate it for 5 minutes at RT (22-30°C). Read and record absorbance of the reagent blank, standard, Control and each unknown sample immediately.

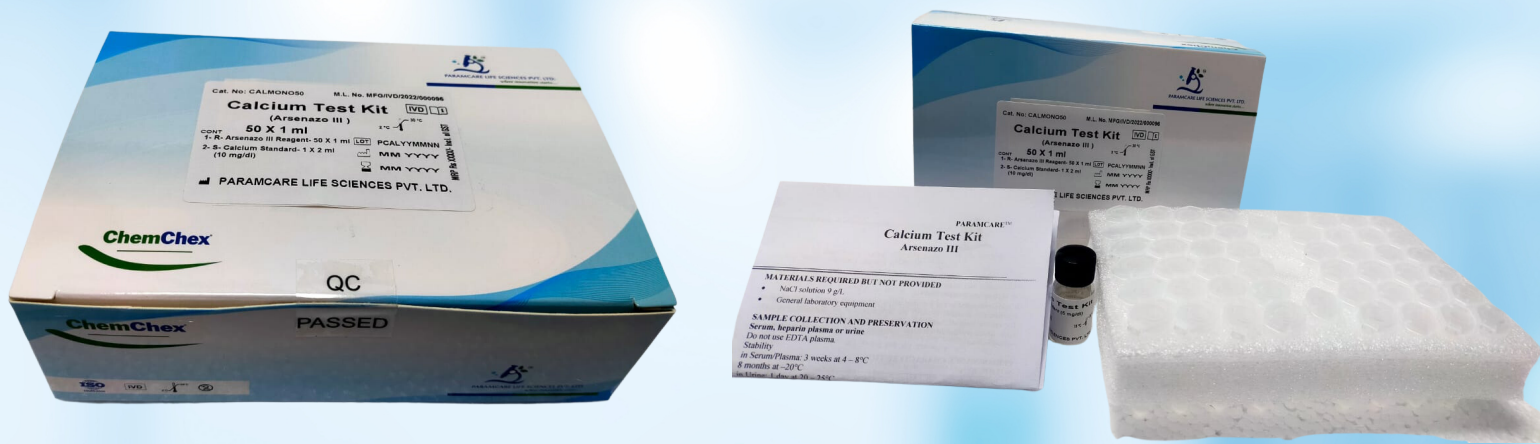
SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 16 mg/dL.
2. Dilute samples above this concentration 1:1 with DI water.
3. Repeat assay. Multiply the result by 2.

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LINEARITY

This method is linear upto a concentration of 16 mg/dL. Dilute samples above this concentration 1:1 with DI Water and Repeat assay. Multiply the result by 2.

Limit of detection: The limit of detection for Calcium is 0.04 mg/dl.

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