

Appendix (B): Verification of Reportable Range / Calibration

Materials to use:

1. FRENTM Linearity Kit from Nova-One Diagnostics (Nova-One.org)
2. FRENTM Cartridges (Vitamin D Reagents), FRENTM System and Auto Processor (AP)
3. Pipette and tips Place 35 µl linearity material into Buffer. Shake vigorously for 5 seconds.
4. Place 70 µl from Buffer solution in Pretreatment Tube, place Vitamin D cartridge and Pretreatment tube in AP. When completed, place cartridge from AP into FREN. Use LIN mode.

Assay Name	Cartridge LOT#	Exp. Date (MM/DD/YR)
Vitamin D		/ /

Verification of Reportable Range

Nova-One Lot #: _____

Date of testing (MM/DD/YR): _____

Calibration Verification Results

	Range	Range
	Vial - 1	Vial - 5
ng/mL	< 13	>96
Insert Value		

Run Vial 1 and Vial 5 Only One Time on the same day

	Vial - 2	Vial - 3	Vial - 4
	Range	Range	Range
ng/mL	<13 – 26.00 – 40.44	27.85 – 44.97 – 62.09	50.01 - 84.43 - >96
Run #1			
Run #2			
Run #3			

Run Vial 2-4 in
TriPLICATE on
same day

- * Repeat if the result is out of range.
- * Copy additional pages as needed in case for more items or if you have another FRENTM System.
- * Please, scan this file as PDF or Image and send to support@nanoentek.com or fax this document to **(781) 790-5649**