

Ortho Clinical Diagnostics

403, Leela Business Park, Andheri Kurla Road,
Andheri East, Mumbai – 400059
T : +91 22 6787 9300
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CALIBRATION CERTIFICATE

CERTIFICATE NO :OCD/ESICHOSPITAL/003

CALIBRATION DATE : 23/12/2022

CALIBRATED FOR :ESICHOSPITAL, ERRAGADDA.

CALIBRATION DUE :22/12/2023

LOCATION :MICROBIOLOGY

CALIBRATED : AT SITE

SPECIFICATION OF INSTRUMENT :

INSTRUMENT	MODEL	SERIAL NO
VITROS IMMUNODIAGNOSTICS SYSTEM	VITROS ECI	3000-6046
	J NUMBER	J3000-6046

Specification of Software:

SOFTWARE NAME	SOFTWARE VERSION
ONX os	V3.9.2

The Reference of Calibration: The performance of various subsystems has been calibrated/tested by trained site engineer with pre-designed calibrated tools provided for the particular subsystems by the company.

Subsystem Name

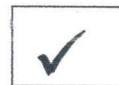
Verified

1.Sample Supply Inspection



2.Sample Metering

- * SampleTrayTipPickup & SamplingCenter
- * Auxiliary Tip Supply
- * Sample Dispense
- * Outer Ring Mapping
- * Sample Metering Leak Test



3.Reagent Supply

- * Carousel to Well Shuttle
- * Well Shuttle – Positioning
- * Pack Opener (Home/Open/Close)
- * Outer Reagent – Alignment
- * Inner Reagent – Alignment
- * Well Top Alignment



4.Reagent Metering

- * Wash Station
- * Dispense



5.Processing Cente

- * Inner Lift Pin (Home/Shuttle/Read)
- * Inner/Outer rings Home Position
- * Incubator Shuttle
- * Incubator Temperature calibration

6.Well Wash Assembly

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- * Well Wash Probe Horizontal Alignment
- * Inner Ring Mapping
- * Station Verification
- 7.Signal Reagent Assembly
 - * Signal Reagent Probe – Horizontal Alignment
 - * SR Dispense
 - * SR Station Verification
- 8.Luminometer
 - * Full Calibration (optional)
 - * IRS Calibration
- 9.Fluid Supply
 - Pressure Regulator Calibration
 - * Supply Level Calibration

The results of comparison are as follows:

SUBSYSTEM NAME	CALIBRATION ACCURACY		CORRECTION
	RANGE	OBTAINED	
SAMPLE METERING	AUTOMATIC		
REAGENT METERING DISPENSE CALIBRATION	4.90ML-5.10ML	5.0	ML
REAGENT METERING OUTER PROBE WASH	2.05ML-2.55ML	2.3	ML
WELL WASH ASPIRATION	1.8ML-2.4ML	2.0	ML
WELL WASH DISPENSE	6.2ML-6.4ML	6.3	ML
SIGNAL REAGENT DISPENSE PUMP A	9.99ML-10.01ML	10.0	ML
SIGNAL REAGENT DISPENSE PUMP B	9.99ML-10.01ML	10.0	ML

CALIBRATED BY



Anuganesh Kasthuri
Sr Service Engineer
Ortho care srvice
Ortho Clinical Diagnostics

NOTE:

1. This certificate refers only to the particular item submitted for calibration.
2. The calibration result reported in the certificate is valid at the time of and under the stated condition of the measurement.