

Calibration and Preventive Maintenance Not Required for Small Clinitek Urine Chemistry Analyzers

Clinitek Advantus™, Clinitek® 500, Clinitek® 50, Clinitek Status®, Clinitek Status®+ Analyzers

Calibration

Calibration chips and bars used on the small Clinitek Urine Chemistry analyzers do not require annual calibration. During instrument development, sufficient calibration chip/bar material for the product lifetime was obtained. Several samples from this single batch were tested on an Aviv reference spectrophotometer. The spectrophotometer was calibrated using tiles calibrated and value assigned by the National Institute of Standards and Technology (NIST). By calibrating the reference spectrophotometer with NIST traceable calibrators, we are able to show traceability to NIST.

The material used for the calibration chip/bar is not affected by sunlight, is chemically stable in contact with bleach and validated cleaners, and therefore does not degrade over time. If the calibration chip/bar is properly maintained and cleaned according to the respective analyzer's Operator's Manual, the original reflectance values are maintained.

No further calibration of the chip/bar material is necessary.

Preventive Maintenance

No Field Service preventive maintenance is required for any of the small Clinitek analyzers. All small Clinitek analyzers have recommended cleaning and routine maintenance procedures in their respective Operator's Manual and/or Quick Reference Guide. These procedures are intended for use by the customer only.

Trademark Information

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