

Urine Specific Gravity: Appendix A - Quality Control Solution

INTENDED USE:

Check performance of the Atago Pocket PAL-10S Urine Specific Gravity (USG) Digital Refractometer.

BIO-RAD 975X qUAntify Control SOLUTION (UQC):

- Control Solution 1 (blue cap) for the low urine specific gravity range.
- Control Solution 2 (red cap) for the high urine specific gravity range.

Note: qUAntify Urine Control Solution is distributed by BIO-RAD Laboratories - used for application with the Urine Specific Gravity Digital Refractometer ATAGO Pocket PAL-10S in Point of Care Application at C&W Laboratories.

PERFORM URINE SPECIFIC GRAVITY QUALITY CONTROL:

1. Daily, UUQC Levels 1 & 2, as part of the routine operational requirements for Urine Specific Gravity Testing at the Point of Care.
2. Refer to Daily Quality Control Test Procedure.
3. In addition perform UQC test:
 - Post Battery Change.
 - Confirming the validity of a urine specific gravity result.

Note: Both levels of UQC results must be within the acceptable range before patient test is done.

STORAGE:

- BIO-RAD qUAntify solution is stored at room temperature in the Urine Specific Gravity Digital Refractometer Kit found in the Dirty Utility Room on the ward/unit.
- UQC bottles are dated when opening the bottle for the first time.
- Open bottle stability is 3 months, but not longer than the expiry date on the bottle once opened.
- Stock supply is in the laboratory – POCT – Rm. 2J8.
- UQC bottles are available from the laboratory – POCT technologist.

Note: Store UQC solutions tightly capped.

Mix UQC solution well before use, dispense first drop & wipe tip before replacing the cap.

STABILITY:

- The quality control material is stable 2°C to 30°C to the expiry date given.

PRECAUTIONS AND WARNINGS:

- Do not use past expiry date.
- Do not use if the bottles have leaked. Recap reagents tightly after each use.

REFERENCES

ATAGO Instructions of Urine Specific Gravity Refractometer URIVON-Ne
Textbook of Clinical Chemistry. Norbert W.Tietz 1986 WB Saunders.

REVISION & APPROVAL LOG

Version	Revision Type	Description of Change	Revision Date	Technical Approval	Medical Approval
1.0		New document	Nov 2013	Elvira Kozak	Dr. Cathy Halstead
1.1	Minor	Document title and number change. Upload to QMS document control	28 Dec 2016		Dr. Benjamin Jung

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