

UR-N-Control Tri-Level Adulteration Quality Control Set

For Laboratory and Research Use Only

Catalog Nos. 119, 119-1, 119-2 and 119-3

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METHODOLOGY

The UR-N-Control Tri-Level Adulteration Quality Control SET is designed for use with automated analyzer systems performing adulteration detection testing in conjunction with drugs-of-abuse analysis on urine specimens. The set consists of 3 controls made of a synthetic urine matrix containing normal urinary constituents including urea, phosphates, creatinine, sodium, chloride, potassium, and abnormal constituents including nitrite. Because UR-N-Control is manufactured from a synthetic base it is free of potential contamination by hepatitis and HIV viruses. UR-N-Control Controls yield a range of values for creatinine, pH, nitrite and specific gravity (sG), and therefore perform effectively as controls for any urine drug adulteration testing program. Assigned ranges are noted below. **Please note, ranges for product #119-2NP are included in this insert, however this level is sold separately and is not included with #119 (tri level control set). UR-N-CONTROL Level 2NP may be used to prepare blind, in-house controls. It may also serve as a negative calibrator for DAU assays.

All urines collected should be handled as potentially infectious.

UR-N-CONTROL Level 1

Values for:	pH	sG	Creatinine	Nitrite Quantitative	*Nitrite Qualitative
range from	9.0	1.000	0 mg/dL	1800 mg/L	500 mg/L
to	11.0	1.007	10 mg/dL	4800 mg/L	1000 mg/L

UR-N-CONTROL Level 2

Values for:	pH	sG	Creatinine	Nitrite Quantitative	*Nitrite Qualitative
range from	5.5	1.008	50 mg/dL	550 mg/L	250 mg/L
to	7.5	1.015	150 mg/dL	700 mg/L	750 mg/L

**UR-N-CONTROL Level 2NP

Values for:	pH	sG	Creatinine	Nitrite Quantitative	*Nitrite Qualitative
range from	5.5	1.008	50 mg/dL	0	0
to	7.5	1.015	150 mg/dL	0	0

UR-N-CONTROL Level 3

Values for:	pH	sG	Creatinine	Nitrite Quantitative	*Nitrite Qualitative
range from	2.4	1.025	15 mg/dL	0 mg/L	0 mg/L
to	4.4	1.045	35 mg/dL	0 mg/L	250 mg/L

* Please note: The UR-N-CONTROL QC can be used as a qualitative nitrite control when the SVT™ Nitrite Adulteration assay is calibrated with a 0 and 500 mg/L nitrite calibrator. A positive nitrite is any value above 500 mg/L as suggested by SAMHSA.

DESCRIPTION	CATALOG #	AMOUNT
UR-N-CONTROL™ Set	Cat # 119	3 x 125 mL
LEVEL 1 CONTROL	Cat # 119-1	125 mL
LEVEL 2 CONTROL	Cat # 119-2	125 mL
LEVEL 3 CONTROL	Cat # 119-3	125 mL

Contents of UR-N-CONTROL Level 1, 2, 2NP & 3 Controls:

Ingredients:

Synthetic Urine, Buffers, salts, phosphates, urea, creatinine, nitrites and bacterial inhibitors.

Appearance:

Yellow in color.

Preparation, Storage and Stability:

UR-N-CONTROL™ Controls are ready to use upon receipt. Store Controls at refrigerated temperatures (2-10° C). Each control is stable until the expiration date listed on the bottle label.

Note: UR-N-CONTROL™ is for laboratory and research use only. Not for drug, household or other uses.

Quality Control:

Every Laboratory should establish its own acceptable ranges for quality assurance. The controls must be properly stored and handled before and during testing. Use fresh reagent calibrators and controls each day. Each laboratory should establish its own goals for adequate standards of performance, and should question the handling and testing procedures if these standards are not met.

Trademark

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