

Rapid Response™

Urine Adulteration Controls

External Controls (Vial 1, Vial 2, Vial 3 & Vial 4)

4 vials of 10mL each

REF UACTRL-1VPN

Product Insert

For use with Urine Adulteration Test Strips URA-1S65

Instructions for Use of the Rapid Response™ Urine Adulteration External Controls

Warnings & Precaution

- The Vial 1, Vial 2, Vial 3 and Vial 4 Controls are in amber glass vials (10mL) with white caps.
- The Rapid Response™ Urine Adulteration External Control vials should be stored at 36-46°F (2-8°C) upon arrival.
- Do not freeze the control vials, repeated freezing and thawing should be avoided, as it will lead to the degradation of the controls.
- Do not use the controls beyond their expiration dates.
- Do not dip the adulteration strips into the control solutions more than 20 times.

Directions for Use

1. Dispense each of the four control solutions into the four labeled plastic specimen cups provided.
2. Allow the tests and controls to equilibrate to room temperature 59 to 86°F (15 to 30°C) prior to testing.
3. To begin testing, remove from the bottle only enough adulteration strips for immediate use (four) and replace cap tightly.
4. Completely immerse the reagent areas of the adulteration strips. Use separate adulteration strips for each of the Vial 1, Vial 2, Vial 3 and Vial 4 solutions.
5. When removing the strip, touch the side against the rim of the plastic specimen cup to remove excess liquid. Blot the edge of the strip on an absorbent paper towel to further remove excess liquid and avoid running over (contamination from adjacent reagent pads). Reagent pads should be moist but not dropping. Begin timing.
6. Compare each reagent area to its corresponding color blocks on the color chart at the read times specified on the label.
7. Obtain results by direct color chart comparison. Return the four controls solutions to labeled amber vials after use to protect it from UV light.

Expected Results

See Page 2 for expected results for each of the vial 1 through 4.

Invalid: Results that are inconsistent with the below expected results should be interpreted as invalid. If the problem persists, discontinue using the test strips immediately and contact BTNX INC. at 1-888-339-9964.

Expected results are indicated within the red boxes

TEST AND READING TIME	ABNORMAL (LOW)	NORMAL	ABNORMAL (HIGH)
Creatinine 45 seconds	Negative 10	100 1000 10000 100000	>10mg/dL
Nitrite 45 seconds	Negative	0 0.10.2 0.5-5.0	>15mg/dL
Glutaraldehyde 45 seconds	Negative	Negative	Positive
pH Immediate	1 2 3 4 5 6 7 8 9	4 5 6 7 8 9	>10
Specific Gravity 45 seconds	1.000	1.005 1.010 1.025	>1.030
Bleach 30 seconds	Negative	Negative	Positive
Pyridinium Chlorochromate 30 seconds	Negative	Negative	Positive

Vial 1		
Creatinine	Abnormal Low	Neg – 10 mg/dL
Nitrite	Normal	0-0.2 mg/dL
Glutaraldehyde	Normal	Neg
pH	Normal	4-7
Specific Gravity	Normal	1.005 – 1.025
Bleach	Normal	Neg
Pyridinium CC	Normal	Neg

TEST AND READING TIME	ABNORMAL (LOW)	NORMAL	ABNORMAL (HIGH)
Creatinine 45 seconds	Negative 10	100 1000 10000 100000	>10mg/dL
Nitrite 45 seconds	Negative	0 0.10.2 0.5-5.0	>15mg/dL
Glutaraldehyde 45 seconds	Negative	Negative	Positive
pH Immediate	1 2 3 4 5 6 7 8 9	4 5 6 7 8 9	>10
Specific Gravity 45 seconds	1.000	1.005 1.010 1.025	>1.030
Bleach 30 seconds	Negative	Negative	Positive
Pyridinium Chlorochromate 30 seconds	Negative	Negative	Positive

Vial 2		
Creatinine	Normal	20 – 200 mg/dL
Nitrite	Normal	0-0.2 mg/dL
Glutaraldehyde	Normal	Neg
pH	Abnormal Low	2-3
Specific Gravity	Not Applicable	---
Bleach	Normal	Neg
Pyridinium CC	Normal	Neg

TEST AND READING TIME	ABNORMAL (LOW)	NORMAL	ABNORMAL (HIGH)
Creatinine 45 seconds	Negative 10	100 1000 10000 100000	>10mg/dL
Nitrite 45 seconds	Negative	0 0.10.2 0.5-5.0	>15mg/dL
Glutaraldehyde 45 seconds	Negative	Negative	Positive
pH Immediate	1 2 3 4 5 6 7 8 9	4 5 6 7 8 9	>10
Specific Gravity 45 seconds	1.000	1.005 1.010 1.025	>1.030
Bleach 30 seconds	Negative	Negative	Positive
Pyridinium Chlorochromate 30 seconds	Negative	Negative	Positive

Vial 3		
Creatinine	Normal	20 – 200 mg/dL
Nitrite	Normal	0-0.2 mg/dL
Glutaraldehyde	Normal	Neg
pH	Abnormal High	≥10
Specific Gravity	Abnormal Low	1.000
Bleach	Normal	Neg
Pyridinium CC	Normal	Neg

TEST AND READING TIME	ABNORMAL (LOW)	NORMAL	ABNORMAL (HIGH)
Creatinine 45 seconds	Negative 10	100 1000 10000 100000	>10mg/dL
Nitrite 45 seconds	Negative	0 0.10.2 0.5-5.0	>15mg/dL
Glutaraldehyde 45 seconds	Negative	Negative	Positive
pH Immediate	1 2 3 4 5 6 7 8 9	4 5 6 7 8 9	>10
Specific Gravity 45 seconds	1.000	1.005 1.010 1.025	>1.030
Bleach 30 seconds	Negative	Negative	Positive
Pyridinium Chlorochromate 30 seconds	Negative	Negative	Positive

Vial 4		
Creatinine	Normal	20 – 200 mg/dL
Nitrite	Abnormal High	>15 mg/dL
Glutaraldehyde	Abnormal High	Pos
pH	Normal	4 – 7
Specific Gravity	Abnormal High	≥1.030
Bleach	Abnormal High	Pos
Pyridinium CC	Abnormal High	Pos



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