Collection Instructions for ARUP Drug Screen Kit #49204

Manufacturer	ARUP Laboratories
Purpose of Kit / Reagent (tests)	For Point of Collection (POC) Pain Management Drug testing that will detect up to 12 classes of drugs within 5 minutes of urine collection: Opiates (morphine, codeine, hydrocodone, heroin metabolite), Oxycodone, Methadone, Benzodiazepines, Amphetamine, Methamphetamine, MDMA (Ecstasy), Cocaine metabolite, Marijuana metabolite, Barbiturates, Phencyclidine (PCP) and Tricyclic Antidepressants.
Kit / Reagent Contents (list components)	1 – Collection Cup (optional) 1 – Testing Cup (NexScreen) 1 – Ambient specimen bag 2 – Standard Transport tubes 1 – Collection Instructions
Other Supplies Needed	Timer
Specimen Requirements	Minimum 30 mL of urine
Preparation Instructions	The NexScreen Cup should be stored at 2-30 °C (36-86 °F) in the original sealed pouch. Do not freeze. Do not store and or expose reagent kits at temperatures greater than 30 °C. If specimen, control, or test devices have been stored at refrigerated temperatures, allow them to warm to room temperature (59-83 °F) before testing. Do not open test device pouch until ready to perform the test.

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories

Specimen Collection

1. Ensure that the NexScreen Cup is at room temperature (59°-83 °F).

2. Remove the NexScreen test cup from the sealed pouch in the presence of the donor.

3. Issue the NexScreen cup or the separate collection cup to the individual to be tested, based on clinic preference.

4. Ask the donor to urinate into either the collection cup, or directly into the NexScreen Cup, and return it immediately.

5. Twist on the lid, ensuring that it is not cross-threaded. Tighten the lid completely, turning as much as possible. This prevents leakage.

6. Write down the time.

7. Verify that there is enough specimen (above the 30 mL minimum level line).

8. Verify that the specimen is near body temperature (90-100 °F) by using the temperature strip on the NexScreen cup. Look for a green indicator on the temperature strip.

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories

9. Authorized personnel should remove the tear-off label.

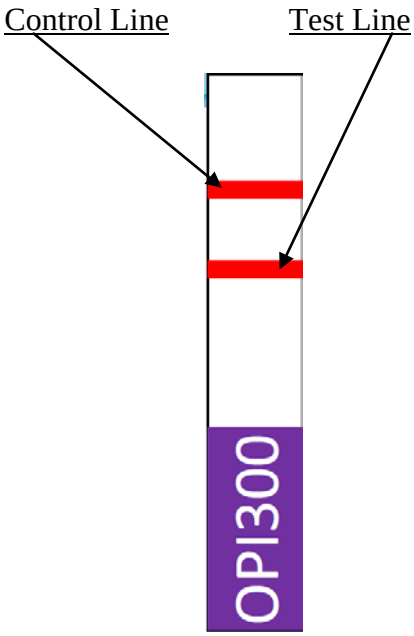
10. Read the results at exactly 5 minutes. A legend is printed on the cup to assist you with reading the results. Any evidence of a line is a line, no matter how faint.

11. Reading the Results
    a. Test Results show as the presence or absence of red/pink lines on each strip.
    b. Any evidence of a line is a line, regardless of how faint.

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories

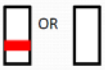
c. Each strip has 2 possible lines.
   1) The upper line is the Control Line.
      a) Presence indicates the test is working properly.
      b) Absence indicates the test is not working properly, invalid.
   2) The lower line is the actual Test Line.
      a) Presence indicates the test is Negative for that drug.
      b) Absence indicates the test is Positive, and should be sent to the lab for confirmation testing.



12. Read each strip independently of the other strips. Read any evidence of a line as a line, regardless of how faint.

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories

Image of strip:	What you see on a strip:	Result:	What to do:
	Control Line: present Test Line: absent	Positive	Record result, send cup to lab for confirmation testing
	Control Line: present Test Line: present	Negative	Record result and discard cup
	Control Line: absent Test Line: present or absent	Invalid	Record result, discard cup, and RETEST with another NexScreen™ Cup

13. Any result that is inconsistent with clinical expectations and pharmacy history should be confirmed by a second more specific technology.

    If confirmation testing is needed, aliquot 4 mL of urine into a standard transport tube (two tubes included in kit) and transport to ARUP Laboratories for testing.

    Transport one tube for each test requested.

Specimen Storage / Transport

Ambient: 1 week
Refrigerated: 1 month
Frozen: 3 years

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories

Drug or Drug Classes Detected and Corresponding Confirmation Test

Drugs/Drug Classes *(Representative Drugs)*	**Cutoff* (ng/mL)**	**Corresponding Confirmation Test**
Opiates *(morphine, codeine, hydrocodone, heroin metabolite)*	300	**0090364** Drugs of Abuse Confirmation/Quantitation Opiates & Oxymorphone – Urine; or
Oxycodone	100	**0090364** Drugs of Abuse Confirmation/Quantitation Opiates & Oxymorphone – Urine; or
Methadone	300	**0090362** Drugs of Abuse Confirmation/Quantitation - Methadone & Metabolite - Urine
Benzodiazepines *(Oxazepam, Alprazolam)*	300	**2008291** Drugs of Abuse Confirmation/Quantitation - Benzodiazepines - Urine

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories

Amphetamine *(d-Amphetamine)*	1000	**2010075** Drugs of Abuse Confirmation/Quantitation - Amphetamines - Urine
Methamphetamine *(d-Methamphetamine)*	1000	**2010075** Drugs of Abuse Confirmation/Quantitation - Amphetamines - Urine
MDMA (Ecstasy)	500	**2010075** Drugs of Abuse Confirmation/Quantitation - Amphetamines - Urine
Cocaine metabolite *(Benzoylecgonine)*	300	**0090359** Drugs of Abuse Confirmation/Quantitation - Cocaine Metabolite (Benzoylecgonine) - Urine
Marijuana metabolite *(11-nor-d9-THC-COOH)*	50	**0090369** Drugs of Abuse Confirmation/Quantitation - Cannabinoids (9-carboxy-THC) - Urine
Barbiturates *(Phenobarbital)*	300	**2012213** Drugs of Abuse Confirmation/Quantitation - Barbiturates - Urine
Phencyclidine (PCP)	25	**2010462** Drugs of Abuse Confirmation/Quantitation - Phencyclidine (PCP) - Urine
Tricyclic Antidepressants *(Nortriptyline Desipramine)*	1000	DESIP/IMIP 0090157 NORT HPLC 0090074 DESIP HPLC 0090072

** Cutoff concentration is based on the information provided in the package insert for the product (NexScreen). Internal validation studies at ARUP laboratories suggests that actual detection limits may be lower for nearly all drug classes. Lot-specific performance characteristics are validated by the manufacturer, but are not evaluated by ARUP. Contact ARUP Laboratories for more information.*

ARUP LABORATORIES | 500 Chipeta Way | Salt Lake City, UT 84108-1221 | Phone: (800) 522-2787 | Fax: (801) 583-2712 | www.aruplab.com

ARUP is a nonprofit enterprise of the University of Utah and its Department of Pathology. © 2013 ARUP Laboratories