



# Onsite ECO 7 Vacutainer

The Onsite Eco 7 Vacutainer with HydraCheck urine drug screening cup is the most comprehensive urine test on the market today. Ideally suited to pre-employment testing, random workplace testing and any situation where a comprehensive drug screen is required.

The Onsite Eco 7 Vacutainer with HydraCheck is specifically designed to suit **Australian Standard 4308:2008** cut off levels.

The ideal test choice when screening for 'historical drug use' is required.

Now incorporating **K2 test for Synthetic Marijuana**.

It is an economical solution for high volume test situations where rapid testing and cost are important factors.

## ONSITE ECO 7 Vacutainer TESTS FOR THE FOLLOWING:

- AMP 300mcg/L** (Amphetamine)
- MET 300mcg/L** (Methamphetamine)
- COC 300mcg/L** (Cocaine)
- OPI 300mcg/L** (Opiates)
- BZO 200mcg/L** (Benzodiazepines)
- THC 50mcg/L** (Marijuana)
- K2 75mcg/L** (Synthetic Marijuana)

### Plus ADULTERANTS

- Ph
- SG (Specific Gravity)
- CR (Creatinine)

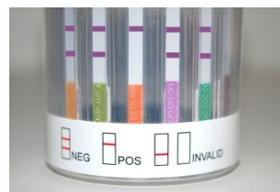
### INCLUDES TEMPERATURE STRIP

#### HydraCheck Hydration Test

Dehydration is quickly and easily checked when the urine sample is collected, via the 2 colour changing pads. Simply match the colours to the colour chart and the donor's hydration level is checked. This is ideal for environments where employees are susceptible to dehydration and heat stress.

#### Ease-of-collection

Simply unscrew the lid, fill above the marked line and recap ready for reading.



#### Clear, Rapid Results

After collection, remove the privacy strip and read the test result lines. Results are clear and easy to read and appear within 5 minutes.

#### Colour Coded Display

Each drug group is colour coded for ease of recognition.

#### Test Integrity

Integrity of the urine sample is maintained via the temperature test strip and adulterant check.

The temperature test strip will confirm the urine collected is at 'body' temperature.

Adulterant tests will confirm that the urine sample is normal and has not been diluted or contains drug masking agents.



**Order Code (Box of 25): OD-070**

Each test includes gloves hygienically sealed inside the test cup pouch.

Test control lines confirm the urine sample has flowed correctly and the test is complete.

Comprehensive instructions and procedure cards are included to ensure testing is conducted correctly.



#### Australian Designed

Cut-off levels are set for the Australian market reducing discrepancies between initial onsite testing and confirmation testing results.

#### Result Confirmation

Any presumptive-positive results should be confirmed via GC/MS testing using a second urine sample.

#### Quality Controls

Test control lines use colloidal gold technology with superior sensitivity, accuracy and precision. Cross-reactivity is pretested against most drugs and other substances.

#### Custom Test Kits

Test kits can be custom designed to suit all workplace applications, incorporating up to 10 drugs in one urine test cup.

# Onsite Eco 7 Vacutainer Test Procedure

Allow the test device to reach room temperature (15-30 degrees celcius) prior to testing.

## PREPARATION

Bring the pouch to room temperature before opening it. Check the expiry date is still valid. Once you remove the test from the pouch it must be used within 8 hours.

## STEP 1

Remove the drug test cup and disposable gloves. Label the device with the donor ID and date.



## STEP 2

Hand the cup and gloves to the donor. Advise the donor to urinate directly into the test cup and be sure to fill it between the minimum 30ml and maximum 70ml, as marked on the cup. Then replace the lid securely and return to collector.

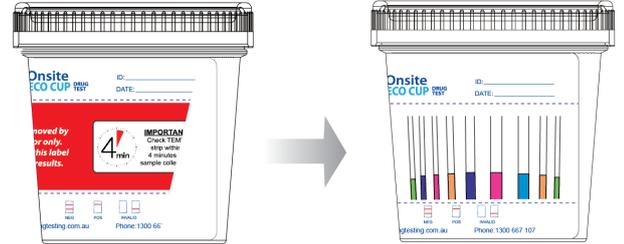
## STEP 3

Check TEMP strip within 4 minutes of specimen collection.



## STEP 4

Peel off the red label to reveal the test results.



Perform the HydraCheck hydration test using the enclosed colour chart to determine the donor's hydration status.

Check the adulterants are within the 'normal' range using the enclosed Adulterant Chart.

**Results: Read Test lines (T) at 5 minutes or once all Control (C) lines have appeared.**

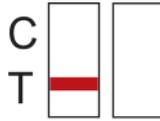
**DO NOT INTERPRET RESULTS AFTER 10 MINS.**



NEGATIVE



POSITIVE



INVALID

**Negative results—** Indicated by the presence of 2 lines. No matter how dark/light

**Presumptive positive—** only the top 'control' line appears

**Invalid—** the control line fails to appear, usually due to too little oral fluid collected.

## HOW TO USE THE VACUTAINER LID TO EXTRACT URINE SPECIMENS FOR CONFIRMATION TESTING.

### STEP 1

Slide the closure on the lid clock-wise to reveal the vacutainer needle.

**Be careful - it is sharp!**



### STEP 2

Press the vacutainer tube closure cap downwards onto the needle to pierce the tube seal.

The urine will immediately be suctioned into the vacutainer tube to the level designated by the tube.



### STEP 3

Repeat this process for as many tubes as you need to fill. Once finished, turn the closure on the lid anti-clockwise to cover the needle.

Dispose of the remaining urine and test cup in a biohazard waste bag.



## INDUSTRY STANDARD - HLTPAT005 Collect specimens for drugs of abuse testing

Training is available to ensure onsite drug & alcohol screening personnel are correctly trained to use and administer drug & alcohol test equipment under **Australian Standards 4308:2008, 4760:2006 & AS3547**. This course has been developed by the Government to assist clients in adhering to new legislative changes. Available via classroom and distance learning. For further details please see our training page.

# HydraCheck<sup>®</sup>

## Instant Hydration Test plus adulterant test.



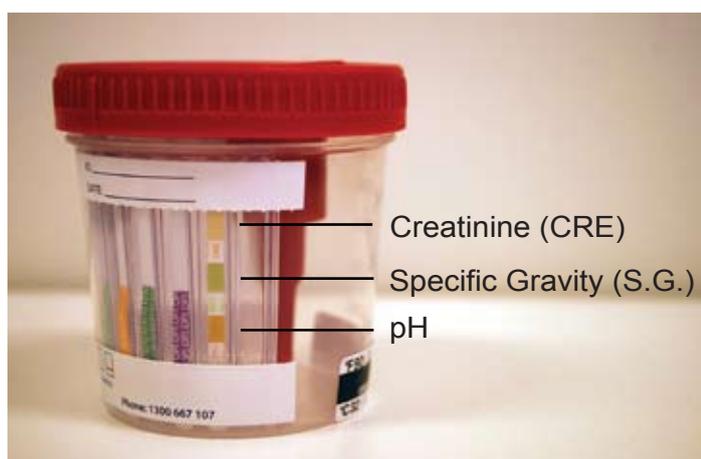
Ph: 1300 667 107

[www.onsitedrugtesting.com.au](http://www.onsitedrugtesting.com.au)

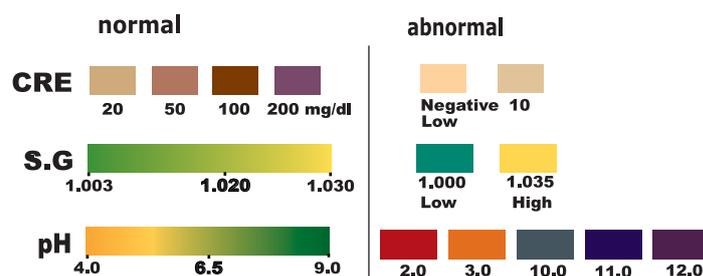
The Onsite ECO CUP™ Drug Screen Test includes HydraCheck instant hydration test to analyse the hydration status of the donor. This is especially important for employees in hot environments susceptible to dehydration in the workplace. By checking the pH and Specific Gravity levels of the donor you can determine whether the employee is well hydrated or dehydrated. Simply compare the pH and SG colour swabs against the colour charts provided to determine the hydration status. Should the donor be over-hydrated this may also indicate a situation of flushing of the body/kidneys of drugs prior to testing.

It is important to check the Creatinine level in conjunction with the pH and SG levels. If CRE is within the normal range then the test may proceed as usual under Australian Standard AS4308. If CRE also indicates flushing (usually low levels) we recommend waiting 10-30 minutes and collecting another sample. Should the second sample also be abnormal then both should be forwarded to a laboratory for confirmation per AS4308.

The Onsite Eco Cup includes 3 adulterant pads: Creatinine (CRE), Specific Gravity (S.G.) and pH.



### Colour Chart



Within 3-5 minutes of specimen collection compare the adulterant pads against the chart above.

**Creatinine (CRE):** Tests for sample dilution. Normal levels of creatinine are between 10mg/dl and 300mg/dl. Low creatinine levels may indicate a diluted urine specimen.

**Specific Gravity (S.G.):** Tests for sample dilution and is a test for the level of solutes in urine. Normal levels of specific gravity will range from 1.003 - 1.030. SG levels less than 1.003 indicate over-hydration or flushing while levels of 1.030 or higher indicate dehydration.

**pH:** Tests for the presence of acidic or alkaline adulterants in urine. Normal urine pH levels should be in the range of 4.0 - 9.0. Values below pH 4.0 indicate very acidic urine while values over pH 9.0 indicate highly alkaline urine. If the pH level is 6.5 or higher yet within the normal range, then add 0.005 to the S.G. level. High pH levels affect the S.G. level.

#### Limitations of testing:

Alkaline urine can affect the indicator system and lower the specific gravity result on the reagent pad. If the result is being read visually, it is recommended that 0.005 be added to the specific gravity result when the pH is an alkaline level of 6.5 or higher.

Kidney disease, diabetes insipidus and certain hormonal imbalances can create low SG levels even when the donor is hydrated. In such cases, low SG levels are not a good representation of hydration.

Hyponatremia is a state of low/diluted sodium levels in the body. This can be caused by over-hydration. Medical advice should be sought if a donor is continually over-hydrated because hyponatremia can be just as dangerous as dehydration.

S.G. Level	Hydration Level
< 1.003	Overhydrated*
1.003-1.010	Well hydrated
1.010-1.020	Good hydration
1.020-1.030	Low hydration
>1.030	Dehydration

\*beware of Hyponatremia

PLEASE NOTE: This test only indicates the donor's state of hydration at the time of testing.