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Best Kits.
Guaranteed.**

Adulteration Testing

An increasing number of urine specimens are adulterated each year in an attempt to defeat an on-site or laboratory based drug test.

To combat this, AustraliaDrugTesting.com offers on-site testing kits with built-in detection strips for the 5 main adulterants. Currently available on the ProScreen Dip and ProScreen Cup.

Adulterants Tested for Include:

1. **Creatinine** – Creatinine is normally found in urine at a range of 20 mg/dL to 350+ mg/dL. While urine creatinine may vary at the upper end, the lower level is usually around 20 mg/dL and anything below this suggests adulteration. This screen is sensitive to specimens with a creatinine concentration below 10 ng/dL therefore it is very effective in determining if a specimen has been adulterated by substitution or dilution.
2. **Nitrites** – Nitrite is found in urine only if gram-negative bacteria are present as a result of urinary tract infections or contamination. The level of nitrite will not exceed 3.6 mg/dL under these circumstances, which is considered normal by this test. The cutoff is between 15 to 25 mg/dL and anything greater may result in a positive result for adulteration by nitrites. “KLEAR” is a popular nitrite based adulterant readily available online.
3. **Bleach** – Oxidants are not a normal constituent of human urine. It is a useful test to determine if adulterants such as bleach have been added. Many popular adulterant products contain oxidants including “Stealth” and “Urine Luck”.
4. **pH** – Normal urine pH ranges from 4.5 to 8.0. Values below pH 4.5 or above 8.0 may be suggestive of adulteration. The cutoffs for this screen are 3.0 and 9.0.
5. **Specific Gravity** – The specific gravity of urine is higher than that of water so a low specific gravity indicates dilution of a specimen either by directly adding water to a specimen or by consuming large amounts of water prior to a test.



	Creatinine 45 seconds		Nitrite 45 seconds	pH Immediate	Bleach 30 seconds	Specific Gravity 45 seconds
ABNORMAL (LOW)	0			2		1.000
	10			3		
NORMAL RANGE	20	0	4	Negative	1.005	
	50	0.1 - 0.2	5		1.015	
	100	0.5 - 5.0	7		1.025	
	200 mg/dl		9			
ABNORMAL (HIGH)		> 15 mg/dl	> 10	Positive	Positive	> 1.030
				Positive	Positive	


ProScreen™
 Drugs of Abuse Card

Adulterant Interpretation Key