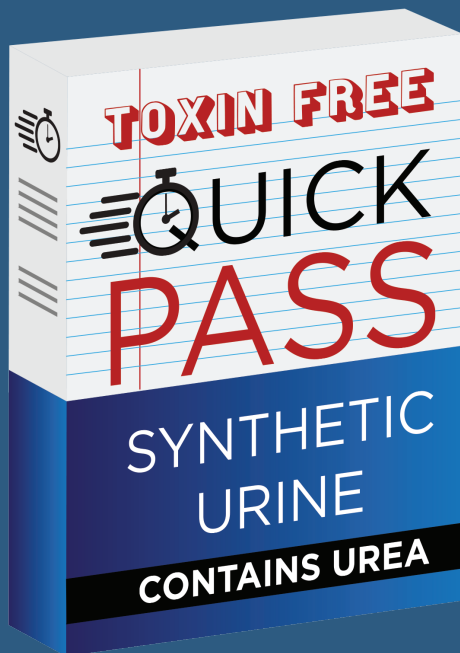


THE MAGIC TRICK THAT BEATS YOUR DRUG TEST

Health 1st Laboratories vs. Standard Lab Tests

The new science of specimen validity testing.



Here's How They Are Tricking You

1. Present synthetic urine as a substitute for a clean sample.
2. Add synthetic urine to actual urine to lower RX levels within prescription range.
3. Add "Spike" to synthetic urine to show positive for prescribed RX, while masking other drug abuse.
4. "Reverse Flow" catheterization of synthetic urine into subject for a clean observed sample.

Manufacturers are creating substitute urine in a laboratory environment using a process resulting in clean, synthetic urine that contains all the ingredients normally found in urine and is **balanced for pH, specific gravity, creatinine**, and several other urine characteristics.

These substitute urine products are readily available from a variety of sources.

**"The market
for urine
adulteration is
approaching
\$1 Billion"**

- Postgraduate Medicine. Vol 128, No S2, 2016.

Can synthetic urine replace authentic urine to “beat” workplace drug testing?

Validity test results of synthetic, adulterated, and authentic urine samples analyzed at the Forensic Toxicology Drug Testing Laboratory, Fort Meade, Maryland, USA

Sample No.	Description	Creatinine (mg/dL)	Specific Gravity	pH	Oxidant Activity (ug/mL nitrite equiv)	Interpretation
1	Field Kit	92.6	1.013*	7.2	0	Valid
2	UPASS	94.8	1.013*	7.2	0	Valid
3	Quick Fix	21.4	1.008*	7.4	3	Valid
4	Synthetix5	61.8	1.011	5.4	0	Valid
5	Dr. Greens	67.1	1.013*	7.7	0	Valid
6	UTAK	91.4	1.012*	6.5	0	Valid
7	Whizzinator	9.6	1.0014	8.1	0	Valid / Dilute
8	Xstream	58.9	1.009*	6.8	0	Valid
9	Liquid Gold	36.8	1.009*	7.8	0	Valid

“Can synthetic urine replace authentic urine to “beat” workplace drug testing?”

Victor J. Kim, Catherine K. Okano, Caroline R. Osborne, Deanna M. Frank, Christopher T. Meana and Marisol S. Castaneto. Drug Test Anal. August 2018.