MEDVET ORAL7®

An Improved Highly Accurate On-site Test for the Qualitative Detection of 7 Drugs of Abuse in Oral Fluid Meeting Independent Laboratory Verification 100% to the AS/NZS 4760:2019 Oral Fluid Standard*.

The MEDVET ORAL 7® is the leading oral testing device in Australia. It has been verified to detect seven commonly abused drugs and their by-products in human oral fluid to meet the Australian Standard.

Oral fluid drug testing is now a convenient and reliable alternative to urine drug testing. It allows for easy and repeated collection of oral fluid samples in various situations.

HOW MEDVET ORAL 7® WORKS
The **MEDVET ORAL 7®** utilizes a competitive lateral flow immunoassay to detect illicit drugs and their by-products in human oral fluid. Drug antibodies are attached to gold nanoparticles.

When oral fluid is applied to the test device, the gold nanoparticle-antibody conjugate flows and binds to the drug conjugate line on the test strip's nitrocellulose membrane. This binding produces a red line for each specific drug being tested. If the oral fluid sample contains drugs, the drug molecules will competitively bind to the antibodies on the gold nanoparticles.

In this case, the gold nanoparticle-antibody conjugates won't bind to the drug conjugate on the membrane, resulting in no coloured line formation (a non-negative result).

The **MEDVET ORAL 7®** is specifically designed for user-friendly and rapid drug testing on-site, using oral fluid specimens. The entire process takes approximately 5-10 minutes.

Drug Group	Target Drug	Cut-off ng/mL
Amphetamines	(+) amphetamine	50
	(+) methamphetamine	50
Cannabinoids	Δ9-THC	15
Cocaine & metabolites	benzoylecgonine	50
Opiates	morphine	50
Benzodiazepines	oxazepam	10
Oxycodone	oxycodone	40

Tested and verified in an independent laboratory May 25, 2023.

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