

Testing for Cannabis



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Quantisal – Oral Fluid Collection Device

Lab based oral fluid represents a paradigm shift in drug testing. The simple, observable, and non-invasive nature of the collection means:

- No bathroom required
- Can be administered anytime, anywhere
- No gender-specific collectors necessary
- Minimized potential for adulteration or substitution Drug concentrations in oral fluid are more comparable with blood levels than urine.
- Drug concentrations are present in lower levels in oral fluid than urine; therefore lower screening and confirmation levels are required. Oral fluid identifies the parent drug and sometimes the drug metabolite. Urine testing is targeted at the drug metabolite

Immunoanalysis - Quantisal



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What is the detection window?

Depending on the drug used, dose, and other individual factors, drugs are generally detected shortly after use and up to 48 hours in routine testing.

| Oral Fluid Cutoffs for Quantisal | | | |
|----------------------------------|-----------------------|----------------------------|---|
| Analyte | Initial Testing ng/mL | Confirmation Testing ng/mL | Confirmation Includes |
| Amphetamine | 50 | 50 | Amphetamines, Methamphetamine, MDA, MDEA, MDMA |
| Methamphetamine | 50 | | |
| Cocaine Metabolite | 20 | 8 | Cocaine Metabolite, Cocaine Parent |
| Opiates | 40 | 40 | Morphine, Codeine, Hydrocodone, Hydromorphone, Oxycodone, 6AM |
| 6AM | n/a | 4 | |
| Phencyclidine (PCP) | 10 | 10 | Phencyclidine (PCP) |
| Marijuana Parent | 4 | 2 | Marijuana Parent |

Immunoassay - Quantisal



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Summary:

- Only use Drug Testing Devices that have been Health Canada Approved.
- Clients are using urine base POCT testing and if NON Negative for THC using lab based oral fluid for confirmation.
- Currently most POCT Oral fluid devices have cut-off levels of 25 ng/ml.
- ECMM working with supplier to create a POCT Oral Fluid testing device with cut-off levels of 10 ng/ml or less.

