



## SUBSTANCE ABUSE TESTING SOLUTIONS

### The PharmChek® Drugs of Abuse Sweat Patch

is an economical alternative to urine testing for cocaine, opiates, amphetamines, PCP, and marijuana.

#### PharmChek® Sweat Patch

For over 15 years, the PharmChek Sweat Patch has been used as a deterrent to drug use, proven it can be less expensive to use even when compared to an instant urine five-panel test, and has distinct advantages over standard urine testing.

*For the foregoing reasons, this Court finds by a preponderance of the evidence that the PharmChem sweat patch drug testing device is a reliable scientific method for testing for the presence of controlled substances, including methamphetamine, as it was utilized during the periods in question...*

*– Excerpt from Decision of U.S. v. Stumpf*

**Accurate, Economical, Non-Invasive Drug Testing.**

PharmChek® drugs of abuse patch uses sweat as the specimen source. It provides an alternative to urine collection and offers a number of advantages. Because the sweat patch is worn on the skin for up to 10 days or longer, it not only acts as a deterrent to continued drug use, but also increases the window of detection to include any period when it is worn. With sweat testing - unlike urine - the parent drug as well as the drug metabolite can typically be detected. Therefore, it is easier to identify which drug was actually taken.





THE PHARMCHEK® DRUGS OF ABUSE SWEAT PATCH BY PHARMCHEM ALLOWS **CONTINUAL MONITORING** OF YOUR DRUG-DEPENDENT CLIENTS. DUE TO THE SOLID CONSTRUCTION OF THE PATCH, **TAMPERING IS VISIBLY EVIDENT.**

## THE PATCH

The Sweat Patch acts as a collector for nonvolatile components of sweat, including drugs of abuse. It consists of an adhesive plastic film that holds a pad in place against the skin. The adhesive film of the patch is a semipermeable barrier that allows oxygen, carbon dioxide, and water vapor to pass through so that the skin can breathe normally. Larger molecules (such as drugs) are trapped in the absorption pad portion of the patch. Contaminants from the environment cannot penetrate the adhesive barrier from the outside, so the patch can be worn during normal activities, including bathing, swimming and athletics.

## USAGE

The Sweat Patch is worn on the upper arm, (lower midriff and lower back are alternative sites). The skin where the patch will be worn is thoroughly and aggressively cleaned with alcohol pads to remove dirt, oil and dead skin cells prior to application. The Sweat Patch should be worn for a minimum of 24 hours to ensure an adequate amount of sweat is collected for testing.

After the patch is worn, the absorption pad is removed and sent with a completed chain-of-custody form to CRL to be tested for drugs of abuse. Clinical studies have shown that drugs and drug metabolites contained in the pad are stable for days at room temperature, and months in a freezer. The Sweat Patch is tamper evident when applied correctly. A unique number is imprinted on each patch to aid with chain-of-custody identification. The Sweat Patch is also gender-neutral and eliminates the need for same sex observations.

## STANDARD PANEL

- Methamphetamine
- Cocaine
- Opiates
- Phencyclidine
- Marijuana

## EXPANDED PANEL

- Hydrocodone (Vicodin)
- Hydromorphone (Dilaudid)
- Oxycodone (OxyCotin)
- Oxymorphone (Opana)

## FEATURES

- Tests for both the drug metabolite and parent drug
- Continuous monitoring: 24 hours, 7 days per week
- Retains drugs used any time during wear period
- Cannot be diluted and is tamper evident
- Increased window of detection
- Acts as a deterrent to drug use
- Variable removal date
- Hygienic alternative to urine testing



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