

# SMALL VOLUME BLOOD TESTING

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The Future of Toxicology

Blood is the most accurate and reliable matrix for toxicology testing, but in the past has been too invasive and inconvenient with the need for a phlebotomist and blood draw.

Physicians Toxicology has developed a less invasive, fast and convenient way to make blood testing simple and reliable with our Small Volume Blood Toxicology test!



**PHYSICIANS  
TOXICOLOGY**

# Benefits of Small Volume Blood Testing:



## QUICK AND EASY

Quantify over 70 drug analytes with a quick finger prick



## VIEWED COLLECTIONS

Patients cannot use shy bladder excuse  
There is no risk of spiking a sample or a patient using a fake sample



## SHORTER DETECTION WINDOWS

Detect presence of drugs within minutes of use



## RESULTS

Results that give more insight into the patients medication use  
Know where your patients are falling with Therapeutic Ranges and Critical Values

## Therapeutic Ranges

The therapeutic range of a drug is a dosage range or concentration that's expected to be effective for most patients. It's determined through extensive studies and should be used as a reference point, while also considering the individual patient's factors.

## Critical Values

Critical values are values outside the normal range that may be harmful and require immediate physician action. We report critical drug values to you when they appear.

## Plasma Half Lives

Elimination half-life is the time it takes for a drug concentration to reduce to half of its initial dose in the body. After 4 to 5 half-lives plasma concentrations will be below a clinically relevant level.



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