

# The Four Steps to Hair Analysis



**1**

## Accessioning

Hair samples are received, opened, checked for errors and prepared for screening. The chain of custody is continued in a secure laboratory environment. Speciman information is entered in the laboratory database.



**2**

## Screening

Samples are screened for drugs using Enzyme Immuno-Assay (EIA) Methodology. High-speed auto analyzers are utilized to ensure rapid turn around times. Results are updated in the database.



**3**

## Extraction

Drugs are extracted from samples screening positive using Solid Phase Extraction techniques. Drugs are then chemically derivitized to enable trace amounts to be detected.



**4**

## Gas Chromatography/Mass Spectrometry (GC/MS)

State-of-the-art, high sensitivity GC/MS instruments are utilized to detect trace amounts of drugs in the sample. As little as 1 trillionth of a gram can be detected. This is the final step in confirming a positive test result.



Omega Laboratories, Inc.  
400 N. Cleveland Avenue  
Mogadore, Ohio 44260  
[www.omegalabs.net](http://www.omegalabs.net)  
800.665.5569  
330.628.5748