

# Virology

HIV-1 VIRAL RESISTANCE TESTING  
GENOTYPE

## Description

virco<sup>®</sup>TYPE HIV-1 is a refined HIV-1 resistance analysis test that provides a combination of genotypic and phenotypic information, complemented with additional clinical information. The test results are interpreted in a clinical context with Clinical Cut-Off values to ensure maximal utility for making therapeutic decisions in daily practice.

The virco<sup>®</sup>TYPE HIV-1 uses a sophisticated bio-informatics technology, *VirtualPhenotype™-LM*, to predict phenotypic resistance from the genotype. The phenotype predictions are based on a large and continuously growing database of previously determined Genotypes and Phenotypes.

## Technology

*VirtualPhenotype™-LM* is a new version of *VirtualPhenotype™* and also uses the genotype - phenotype correlative database to make phenotypic predictions. Rather than grouping samples with similar genotypic profiles and calculating the average Fold Change, this new technology weights in the contribution of individual mutations and pairs of mutations to make Fold Change predictions.

## Laboratory

Virco BVBA  
Generaal De Wittelaan L 11B 4  
B-2800 Mechelen  
Belgium  
([www.vircolab.com](http://www.vircolab.com))

Certification:  
CAP (LAP Number: 5928301)  
CLIA ID 99D 0950533

## Service

Turnaround time: 10-14 days\*

\* Working days

## Downloads

The following documents can be downloaded from the Delphic website:

Account Set Up Form  
Sample Handling Instructions  
Test Request Form  
Report ([http://www.vircolab.com/bgdisplay.jhtml?itemname=vircotype\\_report&product=vircotype](http://www.vircolab.com/bgdisplay.jhtml?itemname=vircotype_report&product=vircotype))

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