



**NEW TEST ANNOUNCEMENT**  
**NOTIFICATION DATE: AUGUST 16, 2007**  
**EFFECTIVE DATE: SEPTEMBER 18, 2007**

## **HIV-1 PHENOTYPIC DRUG RESISTANCE PREDICTION**

### **#88781**

**USEFUL FOR:** Predicting HIV-1 Phenotypic resistance to nucleotide-reverse transcriptase inhibitors (NRTIs), non-nucleotide reverse-transcriptase inhibitors (NNRTIs), and protease inhibitors (PIs). Results are based on genotypic drug resistance test results obtained within the proceeding 2 weeks.

**NOTE:**

- This test can only be requested if MML has performed #82340 “HIV-1 Genotypic Drug Resistance Mutation Analysis, Plasma” within 2 weeks of the phenotype request.
- Virco@TYPE analysis (#88781) will not be performed when there are no clinically relevant drug resistance mutations detected by HIV-1 genotypic drug resistance testing (#82340).

**METHODOLOGY:** *Virtual* Phenotype™ - LM Bioinformatics Technology – a proprietary genotype-phenotype correlative database for phenotypic predictions (Virco@TYPE HIV-1).

**REFERENCE VALUES:** Susceptible

**CAUTIONS:** The Virco @Type HIV-1 result is a phenotypic resistance prediction based on statistical analysis of the genotypic mutations using a proprietary genotype-phenotype correlative database. This analysis is not a result of direct measure of the phenotypic drug resistance.

**SPECIMEN REQUIREMENTS:** Please contact MML client services at 800-533-1710 to add this test on to #82340.

**CPT CODE:** 87900

**DAY(S) SET UP:** M – F, 1:00 pm

**LIST FEE:** \$249.00

**ANALYTIC TIME:** 1 day

**QUESTIONS:** Contact your Mayo Medical Laboratories’ Regional Manager  
Kim Baker, Mayo Medical Laboratories’ Technical Support  
Telephone: 800-533-1710

To obtain test set-up information contact MML Client Support or log on to:  
[MayoMedicalLaboratories.com/test-notifications](http://MayoMedicalLaboratories.com/test-notifications)