

## Overview

### Testing Algorithm

For information, see [HIV Treatment Monitoring Algorithm](#)

### Special Instructions

- [HIV Treatment Monitoring Algorithm](#)

### Method Name

CD4 cell culture assay for phenotypic recombinant virus resistance

### NY State Available

Yes

## Specimen

### Specimen Type

Plasma EDTA

### Specimen Required

Draw blood into **two** 5 mL PPT (pearl top) or EDTA (lavender top) tube(s). Immediately centrifuge (within 2 hours of collection) at 1000-1200 x g at room temperature for 10-15 minutes. Do not allow samples to remain in centrifuge after centrifugation. Remove plasma from cells immediately and transfer to a plastic screw cap tube. Freeze immediately. Send 3 mL plasma in a screw-cap vial frozen.

### RECOMMENDED:

1. Patient's most recent viral load
2. Viral load collection date

**NOTE:** 1. Intended for use only for patients with viral loads greater than or equal to 500 copies/mL. For best results, viral loads should be confirmed within two weeks prior to submission for testing at Monogram.

2. Patient samples submitted <30 days apart are considered duplicate and will be canceled.

### Specimen Minimum Volume

1 mL

### Reject Due To

Specimens other than	Plasma
Anticoagulants other than	PPT, EDTA

Hemolysis	NA
Lipemia	NA
Icteric	NA

**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen		

**Clinical & Interpretive****Reference Values**

A final report will be attached in MayoAccess.

**Performance****PDF Report**

Referral

**Day(s) Performed**

Monday through Friday

**Report Available**

14 to 21 days

**Performing Laboratory Location**

Monogram Biosciences, Inc

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

**CPT Code Information**

87903

87904 x12

---

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
FPHIV	Phenosense HIV	49665-3

Result ID	Test Result Name	Result LOINC® Value
Z1042	Phenosense HIV	Unable to Verify