



Virologic and Immunologic Monitoring in HIV Care

June 2022

Table 2: Interpretation of Viral Load			
HIV-1 RNA Copy Number			
Copies/mL		Log¹⁰	
1,000,000		6.0	
100,000		5.0	
10,000		4.0	
1,000		3.0	
100		2.0	
Reduction With ART If Patient Has 100,000 copies/mL			
Log Change	Percent Decrease	Fold Reduction	Resultant Copy Number
0.5	68.38	3	33,000
1.0	90.00	10	10,000
2.0	99.00	100	1,000
3.0	99.90	1,000	100
Abbreviation: ART, antiretroviral therapy.			