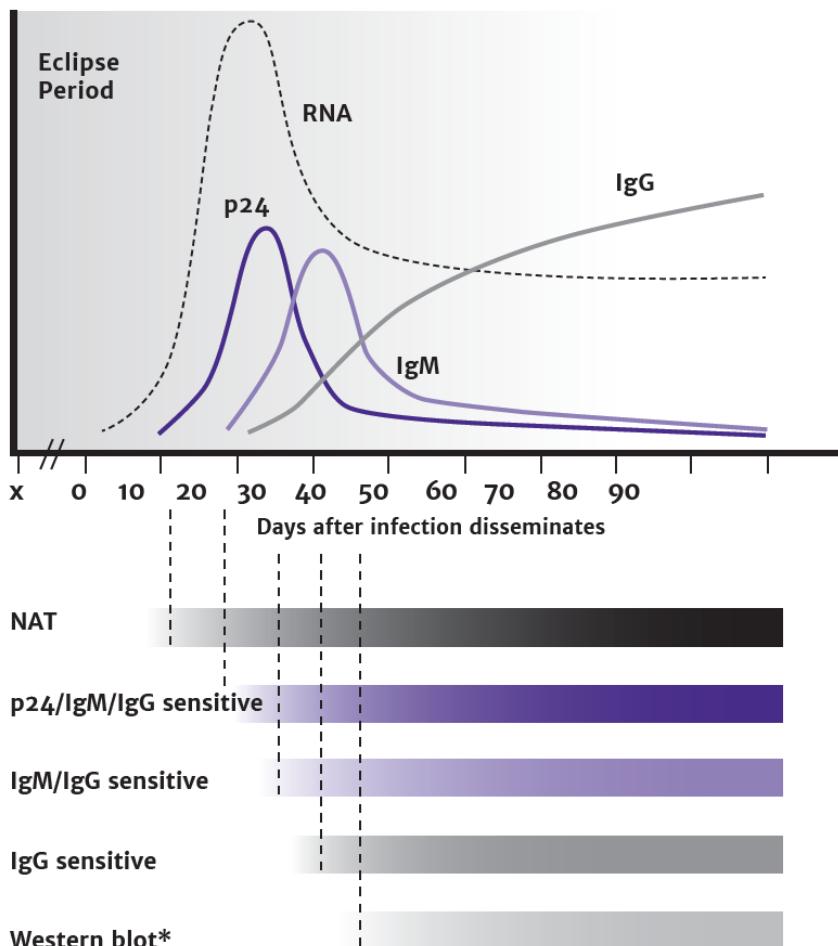




# Diagnosis and Management of Acute HIV Infection

July 2021

Figure 1: HIV Test Window of Detection [a,b]



\* Western blot is no longer used for HIV.

**Abbreviations:** IgG, immunoglobulin G; IgM, immunoglobulin M; NAT, nucleic acid test.

## Notes:

- Figure reproduced from [CDC: HIV Diagnostic Tests](#).
- Without PrEP or PEP exposure; PrEP or PEP exposure may delay seroconversion. Very early treatment of acute HIV infection may also alter the serologic response [Stekler, et al. 2023; Hare, et al. 2006; Kassutto, et al. 2005].

## References

- Hare CB, Pappalardo BL, Busch MP, et al. Seroreversion in subjects receiving antiretroviral therapy during acute/early HIV infection. *Clin Infect Dis* 2006;42(5):700-708. [PMID: 16447118] <https://pubmed.ncbi.nlm.nih.gov/16447118>
- Kassutto S, Johnston MN, Rosenberg ES. Incomplete HIV type 1 antibody evolution and seroreversion in acutely infected individuals treated with early antiretroviral therapy. *Clin Infect Dis* 2005;40(6):868-73. [PMID: 15736021] <https://pubmed.ncbi.nlm.nih.gov/15736021>
- Stekler JD, Violette LR, Niemann LA, et al. Seroconversion, seroreversion, and serowaffling among participants initiating antiretroviral therapy in Project DETECT. *Int J STD AIDS* 2023;34(6):385-94. [PMID: 36703607] <https://pubmed.ncbi.nlm.nih.gov/36703607>