

Recombinant HIV-1 p24

Catalog No.	CSI15797A CSI15797B CSI15797C	Quantity:	2 µg 10 µg 100 µg
Description:	Human immunodeficiency virus type-1 (HIV-1) capsid protein p24 is the main component of tubular core in the mature virus particle. Decrease in the level of antibodies to p24 and p24 antigen has been considered to be one of the most useful prognostic markers. Determination of p24 antigen, as well as anti-p24 antibodies, has vast diagnostic value. Therefore, most diagnostic kits to detect HIV antibodies use p24 as an integral component in addition to envelope glycoproteins. Inhibition of capsid formation can be an effective therapeutic strategy.		
Source:	<i>E. coli</i>		
Molecular Weight:	24 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing PBS, 1% glycerol.		
Purity:	> 95.0% as determined by SDS-PAGE analysis.		
Specific Activity:	Immunoreactive with all sera of HIV-1 infected individuals.		
Reconstitution:	Reconstitute with sterile, pyrogen-free deionized water or sterile PBS.		
Applications:	HIV-1 p24 antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.		
Storage & Stability:	HIV-1 p24 although stable at 2-8°C for 1 week, should be stored as working aliquots at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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