



Recombinant HIV-1-p24gag

PRODUCT CODE : AG 6054

VIAL SIZES: 0.1mg and 0.5mg vials

PRESENTATION : Freeze-dried in 1mM sodium citrate, pH 5, without preservative.

COMPOSITION : Recombinant capsid protein HIV-1-p24 consisting of 234 amino acids. The amino acid sequence is MNSAM-aa(3-231) in comparison to the authentic HIV-1-p24 gag protein (BH 10) published by Ratner et al. (1985), Nature, 313, 277-284

PREPARATION : Direct expression of the capsid protein by use of the translation coupling effect between the starting partial protein lambda cro and the sequence of the capsid protein HIV-p24gag. Host cell E. coli LE392; expression plasmid : pTCA5. Final purification is achieved by FPLC ion-exchange chromatography on Mono S-Sepharose Fast Flow (Pharmacia).

ACTIVITY : The serological activity of this recombinant antigen has been checked by a sandwich ELISA using epitope specific anti-p24 (HIV-1) polyclonal antibodies as capture antibodies and a monoclonal anti-p24 (HIV-1) antibody as detection antibody.

RECONSTITUTION : Reconstitute with sterile double distilled water. The amount of sterile double distilled water can vary depending on the final concentration desired.

STORE : at +2 to +8°C
Reconstituted product should be stored in aliquots at -20°C.

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