



Affinity Purified Sheep Anti-HIV-1-p24 gag

PRODUCT CODE : D7320

VIAL SIZE : 2 mg (2ml)

SPECIFIC ANTIBODY CONCENTRATION : 1 mg/ml
By Lowry protein assay using BSA standard.
Measured after dispensing and prior to freeze-drying.

PRODUCT PRESENTATION : Lyophilised in PBS (0.01M, pH 7.4) without preservative.

ANTIBODY PRESENTATION : This product is produced by immunising separate sheep with 3 different synthetic peptides.

Data on 3 separate peptide immunogens is set out below :

Peptide No.	AA-Sequence	AA-Numbering (BH-10 Strain)*
I	LDIRQGPKEPFRDYV	283-297
II	SALSEGATPQDLNTML	173-188
III	GQMREPRGSDIA	226-237

The amino acid sequences specified above correspond to the amino acid numbers shown for the structural p24 gag protein of HIV-1 strain. The 3 respective antibodies are isolated from the sheep hyperimmune sera by affinity chromatography using the 3 separate peptide antigens coupled to Sepharose.

This D7320 product is prepared by pooling equal amounts of the 3 separate purified antibodies.

SPECIFICITY : The serological activity of the antibody mixture is checked by ELISA. The specific reactivity with the structural p24 gag protein of HIV-1 (BH-10 strain) was demonstrated by the Western Blot technique.

PACKAGING : 1 x 2mg (2ml)

RECONSTITUTION : Reconstitute with 2ml of double distilled water.
Note : On reconstitution, a certain proportion of the antibody does not go back into solution due to partial aggregation during the freeze-drying process. This insoluble product can be removed by centrifuging at approximately 3000rpm for 5 minutes and then using the resultant supernatant.
The proportion of insoluble aggregate will vary from lot to lot and possibly even from vial to vial.

STORE : Lyophilised product at +4°C.
Reconstituted product should be stored in aliquots at -20°C.

*** FOR RESEARCH PURPOSES ONLY ***

* Ref for HIV-1 BH-10 Strain
Ratner, L. et al., Nature, London, 313, 277-284 (1985)

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