



Affinity Purified Sheep Anti-HIV-1-gp120

PRODUCT CODE : D7324

VIAL SIZE : 2mg(2ml)

SPECIFIC ANTIBODY CONCEN: 1mg/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 PREPARATION : This antibody product is produced by first immunising sheep with a single synthetic peptide which has the amino acid sequence :

APTKAKRRVVQREKR

This amino acid sequence corresponds to amino acid numbers 497-511 in the envelope gene gp120 protein of the BH-10 strain of HIV-1 (see Ratner , L. et al., Nature, 313, 277-284 (1985).

The antibodies are isolated from the sheep hyperimmune serum by affinity chromatography using the above specified synthetic peptide coupled to Sepharose.

SPECIFICITY : The serological activity of the antibodies is checked by ELISA. The specific reactivity with the envelope protein, gp120 of HIV-1 (BH-10 strain) was demonstrated by the Western Blot technique.

PACKAGING : 1 x 2mg (2ml) vial

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 *

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