



HIV type 2 Glycoprotein 36 [Biotin] (DAG-T1104)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	HIV-2 gp32 Biotin Labeled recombinant- contains the full-length sequence of HIV-2 envelope immunodominant regions gp32 having a Mw of 32kDa and fused to a beta-galactosidase at N-terminus.
Species	HIV
Conjugate	Biotin
Buffer	0.01M Na ₂ CO ₃ , 10mM EDTA, 14mM beta-ME and 0.02% Sarcosyl.
Preservative	None
Storage	HIV-2 gp-32 although stable at room temperature for 3 weeks, should be stored at 4°C.

BACKGROUND

Introduction	HIV2 infections at present, are predominantly found in west Africa where it is the dominant form of HIV. Both HIV1 and HIV2 have the same modes of transmission and are associated with similar opportunistic infections and AIDS. In persons infected with HIV2, immunodeficiency seems to develop more slowly and to be milder, but as the disease advances, HIV2 infectiousness seems to increase. Little is known about the best approach to the clinical treatment and care of patients infected with HIV2. Some drugs used to treat HIV1 are ineffective. HIV1 and HIV2 have similar gag (viral core) and pol (polymerase) regions, they have relatively dissimilar env (envelope) regions. Owing to this lack of homology in the envelope region, there is little serologic cross-reactivity of the antibodies directed against the envelope antigens of both HIV1 and HIV2.
Keywords	HIV-2 env. gp36; Human Immunodeficiency Virus Type 2 envelope, gp36; env gp36; Human immunodeficiency virus; HIV; Human immunodeficiency virus 2; HIV2; HIV-2; Gp36; HIV 2;

