



HIV type 1, 2 Envelope protein (Capture) (DAG-T1105)

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

PRODUCT INFORMATION

Purity > 90% as determined by SDS-PAGE

Conjugate TBD

Applications LFIA

Format Liquid

Size 1 mg

Buffer Tris buffer

Preservative 0.09% Sodium Azide

Storage Store at -20°C

BACKGROUND

Introduction Inhibitors targeting HIV1 viral envelope proteins are used as antiretroviral drugs. The surface protein gp120 attaches the virus to the host lymphoid cell by binding to the primary receptor CD4. This interaction induces a structural rearrangement creating a high affinity binding site for a chemokine coreceptor like CXCR4 and/or CCR5. The transmembrane protein gp41 acts as a class I viral fusion protein.

Keywords HIV; Envelope glycoprotein; gp41; gp120; gp36