



HIV-1 gp120 and gp41 Chimeric Antigen (43 kDa, Detection) (DAGF-223)

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

PRODUCT INFORMATION

Antigen Description	The human immunodeficiency virus (HIV) is a lentivirus (a subgroup of retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive. Without treatment, average survival time after infection with HIV is estimated to be 9 to 11 years, depending on the HIV subtype. Infection with HIV occurs by the transfer of blood, semen, vaginal fluid, pre-ejaculate, or breast milk. Within these bodily fluids, HIV is present as both free virus particles and virus within infected immune cells.
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Purity	≥ 90% Pure (Affinity Purified)
Conjugate	proprietary
Molecular Weight	43 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	20 mM Phosphate Buffer, 0.1% Sodium Dodecyl Sulfate, pH 7.4.
Preservative	None
Storage	May store at 2-8°C for < 2weeks. For long term, store at -20°C. Aliquot and freeze to avoid multiple freeze/thaw cycles.

BACKGROUND

Keywords

Retroviridae;Lentivirus HIV;Human Immunodeficiency Virus type 1
