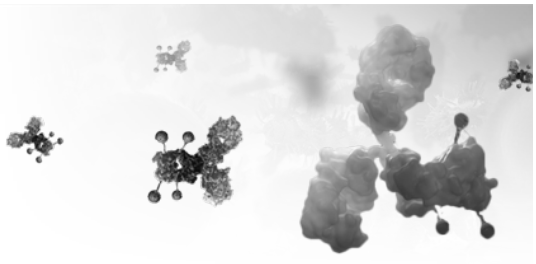

HIV type 1 P15 (aa 1 - 527) (DAG-P2235)

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

PRODUCT INFORMATION

Product Overview	HIV1 p15 protein
Antigen Description	HIV1 p15(Gag) and its protease cleavage products, nucleocapsid protein p7 and p6, are believed to play a major role in viral infectivity and assembly during the early and late stages of retroviral life cycle. p15 is frequently recognized by HIV1-specific CD8+T cells in natural HIV1 infection and may be an important target for the design of future HIV1 vaccines.
Species	HIV
Purity	> 90 % by SDS-PAGE.This antigen is highly purified by several steps of chromatography.
Conjugate	Unconjugated
Applications	SDS-PAGE FuncS WB ELISA
Molecular Weight	14 kDa
Bio-activity	HIV1 p15 protein can be used as a substrate for HIV1 protease in the presence of HIV1 genomic RNA; in studies of structure and function of AIDS virus as precursor of nucleocapsid p7 protein that binds to HIV1 genome RNA; as p15 antigen in detection of ant
Format	Liquid
Buffer	pH: 7.50Constituents: 0.078% Beta mercaptoethanol, 0.32% Tris HCl, 50% Glycerol, 0.29% Sodium chloride
Preservative	None
Storage	Shipped at 4°C. Store at -20℃. pH: 7.50Constituents: 0.078% Beta mercaptoethanol, 0.32% Tris HCl, 50% Glycerol, 0.29% Sodium chloride

BACKGROUND

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Introduction	The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic
Keywords	gag; Gag polyprotein; Human Immunodeficiency virus 1; Nucleocapsid protein p7; p15; p6 gag; Pr55Gag; HIV1 p15

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