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## Product Data Sheet

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Product Name: HIV-1 p24, 24 kDa

Cat. No.: GP25391

Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Solubility	Reconstitute with apirogenic sterile water or 1X PBS.		
Formulation	HIV-1 p24 was lyophilized from a solution containing 1% glycerol.		

### Introduction

Human immunodeficiency virus type-1 (HIV-1) capsid protein p24 is the main component of tubular core in the mature virus particle. Decrease in the level of antibodies to p24 and p24 antigen has been considered to be one of the most useful prognostic markers. Determination of p24 antigen, as well as anti-p24 antibodies, has vast diagnostic value. Therefore, most diagnostic kits to detect HIV antibodies use p24 as an integral component in addition to envelope glycoproteins. Inhibition of capsid formation can be an effective therapeutic strategy.

### Stability

HIV-1 p24, 24 kDa although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

### Background

HIV-1 p24 recombinant is a full-length recombinant protein having a molecular mass of 24 kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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