

# Product Datasheet

## HIV-1 Gag p24 Antibody (7F4) - BSA Free NBP2-41339

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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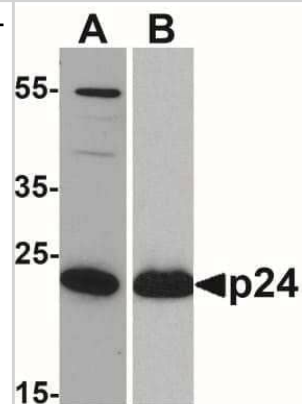
**NBP2-41339**

HIV-1 Gag p24 Antibody (7F4) - BSA Free

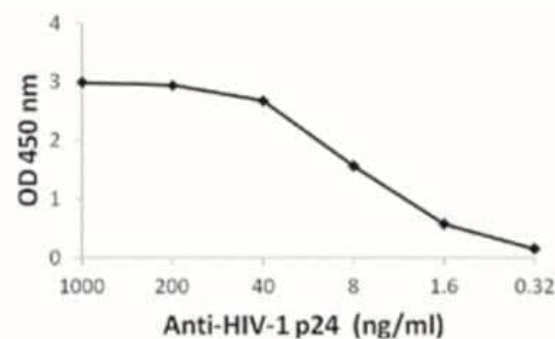
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7F4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	24, 41, 55 kDa
Product Description	
Host	Mouse
Gene ID	155030
Gene Symbol	gag
Species	Virus
Specificity/Sensitivity	By Western blot, anti-HIV-1 Gag p24 antibody detects a ~24 kDa, a ~41 kDa, and a ~55 kDa protein, corresponding to HIV-1 Gag p24 and to its precursors p41 and p55, respectively, in HIV-1 samples.
Immunogen	Antibody was raised against a recombinant full-length HIV-1 Gag p24 protein. Amino Acid Sequence: pivqniqqgmvhqaisprtlhawvkvveekafspevipmfsalsegatpqdlntmlntvgghqaamqmlketi neeeaaewdrvhpvhagpiapggmreprgsdiagttstlqeqigwmtnppipvgeiykrwiilglnkivrmys ptsildirqgpkeprdyvdrfyktraeqasqevknwmtetllvqnanpdcktilkalgpaatleemmtacqgv gpghkarvla
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.2-0.5 ug/ml, ELISA 0.2- 0.5 ug/mL

## Images

Western Blot: HIV-1 Gag p24 Antibody (7F4) - BSA Free [NBP2-41339] - analysis of 20 ng of (A) viral p24 and (B) recombinant p24 with anti-HIV-1 Gag p24 antibody PM-6585 at (A) 0.5 ug/mL and (B) 0.2 ug/mL, respectively.

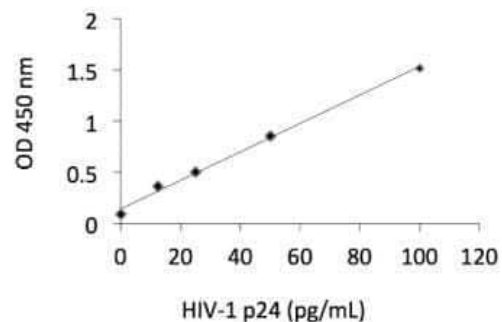


ELISA: HIV-1 Gag p24 Antibody (7F4) - BSA Free [NBP2-41339] - Titration ELISA of anti-HIV-1 Gag p24 antibody PM-6585 with 100 ng of recombinant HIV-1 Gag p24 protein.



ELISA: HIV-1 Gag p24 Antibody (7F4) - BSA Free [NBP2-41339] - Analysis of recombinant p24 proteins using capture antibody [7F4] and biotin labeled detection antibody [8G9]. (Assay sensitivity = 2.5 pg of recombinant p24 protein).

Typical HIV-1 p24 ELISA Standard Curve





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### **Products Related to NBP2-41339**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-46036-0.1mg	Recombinant HIV-1 Gag p24 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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