

Product datasheet for **BP1033HRP**

HIV-1 (purified virions) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	Enzyme immunoassay application.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Human isolate confirmed
Specificity:	Purified virions, disrupted. This antibody reacts with the whole virus. It reacts with all the major viral proteins including p17, p24, gp41, p53, p64, gp120 and gp160. Does not react with T4+ human lymphocytes.
Formulation:	PBS containing 10 mg/ml BSA as stabilizer and 0.002 % Thimerosal as preservative. Label: HRP State: Liquid purified Ig fraction. Label: Highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed Molar ratio: HRP:IgG substitution is 2-3
Concentration:	lot specific
Conjugation:	HRP
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	HIV is a highly variable virus which mutates very readily. This means there are many different strains of HIV, even within the body of a single infected person. The strains of HIV1 can be classified into three groups : the "major" group M, the "outlier" group O and the "new" group N. These three groups may represent three separate introductions of simian immunodeficiency virus into humans. Group O appears to be restricted to West-Central Africa and group N, discovered in 1998 in Cameroon, is extremely rare. More than 90% of HIV1 infections belong to HIV1 group M.



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Synonyms: HIV1, HIV-I, Human immunodeficiency virus type 1