

Product datasheet for **BP1035HRP**

HIV-1 gp120 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA. Western blot.
Reactivity:	Human Immunodeficiency Virus 1
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Purified native gp120 from strain IIIB
Specificity:	gp120 (predominate gp120 band in Western blot). Antiserum does not cross-react with Human T or B cells. Antiserum is not reactive with Human or Bovine sera.
Formulation:	0.01 M PBS, pH 7.2 Label: HRP State: Liquid purified Ig fraction (>95% pure) Stabilizer: 10 mg/ml BSA Preservative: 0.002% thimerosal 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 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.



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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.

Synonyms:

HIV1, HIV-I, Human immunodeficiency virus type 1