

Product datasheet for **BP1034HRP**

HIV-1 Gag Capsid protein p24 Goat Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | ELISA and Western blot. |
| Reactivity: | Human Immunodeficiency Virus 1 |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Purified native p24 from strain IIIB |
| Specificity: | HIV p24 (predominate p24 band in Western blot). Does not cross-react with Human T or B cells. Antiserum is not reactive with Human or Bovine sera. |
| Formulation: | PBS containing 10 mg/ml BSA as stabilizer and 0.002% Thimerosal as preservative. Label: HRP State: Liquid purified IgG 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 radio: 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. |
| Synonyms: | HIV1, HIV-I, Human immunodeficiency virus type 1 |



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