

Polyclonal Antibody to Neopterin - Purified

Catalog No.:	BP992
Quantity:	0.5 ml
Concentration:	15.6 mg/ml (OD280 nm)
Background:	Neopterin, a pteridine present in body fluids, is a catabolic product of GTP. It is synthesised by macrophages upon stimulation with interferon-gamma. Immune system activation, malignant disease, allograft rejection, and viral infections (especially in AIDS) result in elevated levels, and it is used as a marker of HIV infection.
Host:	Rabbit
Immunogen:	Neopterin conjugated with Bovine Serum Albumin (BSA).
Format:	State: Liquid purified Ig fraction. Purification: Ammonium Sulphate Fractionation. Buffer System: PBS, pH 7.2, containing 0.09% Sodium Azide as preservative. Use PBS pH 7.2 containing 1% BSA (or equivalent proteinaceous buffer) for dilution.
Applications:	ELISA: 1/250-1/1000 in ELISA using Neopterin conjugated with KLH coated on the plate. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for Neopterin.
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. Shelf life: one year from despatch.