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Product Datasheet

Goat Anti-Dog IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 604-1502, AP, Polyclonal DNA-SEC-182816

Article Name	Goat Anti-Dog IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 604-1502, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-182816
Supplier Catalog Number	DNA-SEC-182816
Alternative Catalog Number	DNA-SEC-182816
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA
Species Reactivity	Canine
Immunogen	Dog IgG whole molecule
Conjugation	AP
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglu...

Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Dog IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Dog IgG and Dog Serum.
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl ₂ ,0,1 mM ZnCl ₂ ,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,01% NaN ₃
Target	Dog
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:2,000 - 1:10,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Anti-Dog IgG Alkaline Phosphatase Conjugated has been tested by ELISA. This product has been assayed against 1.0 ug of Dog IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.