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Product datasheet for AP09707PU-N

Digoxigenin Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 0.625µg/ml; 10 ng/ml digoxigenin produces 91% inhibition in a competitive ELISA, employing digoxigenin polyclonal antibody.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Digoxigenin-BTG
Specificity:	This antibody reacts to Digoxigenin.
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Digoxigenin (DIG) is a steroid found exclusively in the flowers and leaves of the plants Digitalis purpurea and Digitalis lanata. Digoxigenin is chemically closely related to Digoxin, the cardiac glycoside used for the treatment of various heart diseases. The term 'genin' at the end of Digoxigenin, refers to only the aglycone portion (without the sugar) part of the molecule,thus Digoxigenin is the steroid component of Digoxin, - minus the (digitose) sugar residues. DIG can be covalently added to proteins or nucleic acids which makes it very useful in diverse applications.

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