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BP418

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Polyclonal Antibody to Digitoxin - Serum

Catalog No.:	BP418
Quantity:	0.5 ml
Background:	Digitoxin is a purified cardiac glycoside similar in structure and function to Digoxin. Unlike Digoxin, Digitoxin is eliminated from the body via the liver and not the kidneys. Both drugs are used to treat various heart conditions. Cardiac glycosides bind to a site on the extracellular aspect of the α -subunit of the Na^+/K^+ ATPase pump in the membranes of heart cells (myocytes). This causes an increase in the level of sodium ions in the myocytes, which then leads to a rise in the level of calcium ions.
Host:	Sheep
Immunogen:	Synthetic peptide corresponding to part of the native molecule conjugated to Bovine Serum Albumin
Format:	State: Liquid serum containing no preservatives
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with Digitoxin. Minimal with digoxin in EIA assay.
Storage:	Store the antibody at $-20\text{ }^{\circ}\text{C}$. Can be shipped at $2 - 8\text{ }^{\circ}\text{C}$. Avoid repeated freezing and thawing. Shelf life: One year from despatch.