

Sheep Lidocaine Polyclonal Antibody

Lidocaine antibody

CATALOG # AAA108364	HOST Sheep	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Lidocaine; Polyclonal Antibody; Lidocaine antibody; Polyclonal Lidocaine; Anti-Lidocaine; Xyllocaine; Lignocaine; anti-Lidocaine antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Clonality	Polyclonal
Specificity	100ng/ml Lidocaine produces 93% inhibition in a competitive ELISA employing Lidocaine polyclonal Antibody
Form/Format	Supplied as an IgG fraction in 20mM Phosphate buffer. 150mM NaCl, pH 7.4 with 0.09% NaN ₃ .
Concentration	12.89 mg/ml (varies by lot)
Applicable Applications for anti-Lidocaine antibody	ELISA
Biological Significance	A local anaesthetic and cardiac depressant used as an antiarrhythmia agent. Its actions are more intense and its effects more prolonged than those of procaine but its duration of action is shorter than that of bupivacaine or prilocaine. Pharmacological action: anaesthetics, local, anti-arrhythmia agents. Decreases automaticity, depresses conduction in reentrant pathways and may raise fibrillation threshold, especially in combination with bretylium.
Cross-Reactivity	Reacts with Lidocaine and <2.3% with Norlidocaine.
Immunogen	Lidocaine antibody was raised in sheep using Lidocaine-BTG as the immunogen
Preparation and Storage	Store at 2-8 degree C for short term storage or -20 degree C for up to 2 years

ADDITIONAL INFORMATION

Related Product Information for anti-Lidocaine antibody	Sheep polyclonal Lidocaine antibody
Product Categories/Family for anti-Lidocaine antibody	Drugs & Toxicology

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.