



Carazolol Screen Test (DTS-NS027)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Size 1 Pack (5 Kits), 1 Pack (50 Kits)

General Description Carazolol is a high affinity inverse agonist (also referred to as a beta blocker) of the β -adrenergic receptor. It reduces epinephrine-induced increases in mean arterial blood pressure and heart rate in conscious pigs. Therefore, it is often used in pigs to prevent stress and death during transport to the slaughterhouse. With the widespread use of sedatives and carazolol, the possibility of accumulation of their residues in animal-derived foods increases, thus, potentially leading to toxic effects.(Gregory, N.G., et al., 1982; Jiangeng, H., et al., 2011)

Storage 2-8°C in dark, sealed, dry place, no frozen.

Detection Limit Milk: 1 ng/mL
Pig kidney: 2.5 ng/mL

Specificity Carazolol 100%
Carvedilol 11.6%
Atenolol <0.1%
Nadolol <0.1%
Propranolol <0.1%
Carteolol <0.1%
Lcvobunolol <0.1%
Acepromazine <0.1%
Chlorpromazine <0.1%
Propionylpromazine <0.1%