

AP09750PU-L**Polyclonal Antibody to Meperidine - Ig Fraction****Alternate names:**

Demerol, Ethyl 1-methyl-4-phenylpiperidine-4-carboxylate, Isonipecaïne, Meperidol, Pethanol, Pethidine, Pethidiner, Phetidine, Pipersal

Quantity:

1 ml

Concentration:

8.47mg/ml (U.V.abs @ 280nm)

Background:

Meperidine, (ethyl 1-methyl-4-phenylpiperidine-4-carboxylate), is a narcotic analgesic that can be used for the relief of most types of moderate to severe pain, including postoperative pain and the pain of labour. Prolonged use may lead to dependence of the morphine type. Withdrawal symptoms appear more rapidly than with morphine and are of shorter duration. Molecular formula: C₁₅H₂₁NO₂.

Host / Isotype:

Sheep / IgG

Immunogen:

Meperidine (N)-BTG

Format:

State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures

Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative

Applications:

ELISA: 10µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts to Meperidine.

Storage:

Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.