

ANTIMINE

Potent H1 Receptor Antihistamine

Product:

Antimine is an aqueous solution containing 50mg/ml mepyramine maleate (pyrilamine), an H1 receptor antihistamine of the ethylenediamine class.

Action:

Mepyramine is a competitive inhibitor at H1 tissue cell histaminic receptors. It attaches with great affinity to histamine receptors, preventing the untoward effects of histamine release. The binding of mepyramine to cell receptors evokes no direct cellular reaction. Mepyramine also has some antiserotonin properties.

Indications:

Mepyramine is useful in counteracting the action of histamine on bronchial, intestinal, uterine and vascular smooth muscle. It antagonizes the vasodilator and vasoconstrictor effects of histamine, as well as the effect of increased capillary permeability.

Antimine may be used to counteract histamine induced urticaria, oedema formation and other allergic reactions, especially those associated with Type 1 (anaphylactic) and Type IV (cell-mediated or delayed) hypersensitivity reactions.

Antimine is useful as an adjunct to therapy in cases such as laminitis, feed engorgement, metritis and photosensitivity.

A special use is made of mepyramine's initial CNS stimulatory action on recumbent cattle.

Dosage:

For intravenous, intramuscular and subcutaneous injection in all species.

General dosage recommendation:

1-2 mg/kg bodyweight

(1-2ml Antimine per 50kg bodyweight)

May be diluted with an equal volume of sterile water to make a 2.5% solution.

Administer slowly when giving intravenously.

Recommended dosages:

Horses, cattle, pigs:

1mg/kg (1ml per 50kg)

Recumbent cattle:

5-10ml by slow intravenous administration

Dogs and cats:

1-2 mg/kg (1ml per 25-50kg)

(The dosage may be repeated at 6-8 hourly intervals, if necessary)

Precautions:

Overdosage may cause excitement, ataxia or convulsions. Sedation is common following therapeutic dosages. Do not use during allergic diagnostic testing, eg tuberculin testing.

Pack:

100ml multidose vial

Registered pursuant to the ACVM Act 1997,

NoA2677

RESTRICTED VETERINARY MEDICINE

Antimine

For Animal Treatment Only



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