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AP09741PU-N Polyclonal Antibody to Lorazepam - Ig Fraction

Quantity: 0.1 ml

Concentration: 13.36mg/ml (U.V.abs @ 280nm)

Background: Lorazepam is a benzodiazepine (C15H10Cl2N2O2). It is a whitish powder, that acts as

a sedative and anti anxiety agent and is used therapeutically to control seizures.

Host / Isotype: Sheep / IgG

Immunogen: Lorazepam (3)-BSA

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: 3.5µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and

should be determined by the user.

Specificity: This antibody reacts to Lorazepam.

Cross-Reactivity: Lorazepam 100% Oxazepam 2.58% Temazepam 0.31% Alprazolam 0.31%

g-hydroxyalprazolam 0.31%

Nordiazepam 7.75% Nitrazepam 0.31%

7-Aminonitrazepam 0.31% Flunitrazepam 0.31% Clonazepam 11.07%

Storage: Store the antibody at -20°C.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.