

AP09744PU-L**Polyclonal Antibody to MDMA - Ig Fraction****Alternate names:**

3, 4-Methylenedioxymethamphetamine, Ecstasy

Quantity:

1 ml

Concentration:

9.72mg/ml (U.V. abs @ 280nm)

Background:

MDMA (3,4-methylenedioxymethamphetamine) is a ring substituted amphetamine derivative. It acts by increasing the net release of the monoamine neurotransmitters (serotonin, noradrenaline and, to a lesser extent, dopamine) from their respective axon terminals. It resembles the structure of the hallucinogenic material mescaline. As a result of this similarity, the pharmacological effects of MDMA are a blend of those of the amphetamines and mescaline.

Host / Isotype:

Sheep / IgG

Immunogen:

MDMA(N)-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: 9.72µg/ml.

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

Specificity:

This antibody reacts to 3,4-Methylenedioxymethamphetamine (MDMA).

Storage:

Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.