

**AP09744PU-N****Polyclonal Antibody to MDMA - Ig Fraction**

<b>Alternate names:</b>	3, 4-Methylenedioxymethamphetamine, Ecstasy
<b>Quantity:</b>	0.1 ml
<b>Concentration:</b>	9.72mg/ml (U.V. abs @ 280nm)
<b>Background:</b>	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.
<b>Host / Isotype:</b>	Sheep / IgG
<b>Immunogen:</b>	MDMA(N)-BSA
<b>Format:</b>	<b>State:</b> Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures <b>Buffer System:</b> 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative
<b>Applications:</b>	ELISA: 9.72µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts to 3,4-Methylenedioxymethamphetamine (MDMA).
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.