

MDMA Antibody

Product overview

Catalog number	100906
Specificity	Antibody recognizes MDMA (3,4-methylenedioxymethamphetamine) and MDE (3,4-methylenedioxyethamphetamine)
Description	Protein A purified monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components.
Product buffer solution	0.05M Potassium Phosphate Buffer, pH 7.2 with 0.85% NaCl, 0.05% NaN ₃ as a preservative
Shelf life and storage	12 months from manufacturing at 2–8 °C
Subclass	IgG ₁
Analyte description	MDMA is a synthetic drug also known as Ecstasy. Usage may alter mood, heart rate, blood pressure, activity and energy levels, and lead to visual and auditory hallucinations.

Parameters tested on each lot

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	≥ 1.5 mg/ml
Immunoreactivity	Not Determined (N/D)
IEF Profile	N/D
Purity	> 90 %

Kinetic parameters

Association rate constant	N/D
Dissociation rate constant	N/D
Affinity constant	N/D
Determination method	-
Determination antigen	-



Legal disclaimer

Cross-reactivities	MDE 161%; Fenfluramine; Isoxuprine 5%; Phentermine 3.2%; (+) Methamphetamine 3%; Mephentermine 2.3%; MDA 2.2%; l-Amphetamine, N-Hydroxy-MDA, (R,2R) Pseudoephedrine <0.1%	
Epitope	N/D	
Pair recommendations	170056 or P82-99-51A (BSA conjugate as capture) Please note that pair recommendations are based on results obtained by our laboratory. Equally good results may be obtained using other pairs and therefore these recommendations are only indicative.	
Platforms tested	ELISA, LF	
Antigens tested	Please see Pair recommendations above	
Product stability	TEMPERATURE, TIME	RESULT
	N/D	-
Miscellaneous	This product was previously available with a Catalog code P02-99-51M-P and GN302. It has been produced using the same original mouse monoclonal hybridoma cell line. Immunogen: MDMA-BgG	
References	-	



Legal disclaimer