

Benzoylecgonine (BE) Antibody

Product overview

Catalog number	100890
Specificity	Antibody recognizes Benzoylecgonine and Cocaine
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	Benzoylecgonine (BE) is the main metabolite of cocaine.

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	-



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Cross-reactivities	Benzoylecgonine, Cocaethylene 100%; Isoxsuprine 1.5%; Ecgonine < 1%; Perphenazine 0.04%; Cyclobenzaprine, β -phenethylamine 0.02%; Clomipramine 0.01%	
Epitope	N/D	
Pair recommendations	P81-99-11A (BSA conjugate as capture) or P91-99-11H (HRP conjugate for detection)	
	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 P01-99-11M-P and GN303. It has been produced using the same original mouse monoclonal hybridoma cell line.	
	Immunogen: Benzoylecgonine-BSA	
References	-	



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