

Cannabinoid (THC) Antibody

Product overview

Catalog number	100894
Specificity	Antibody recognizes THC and its metabolites
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	36 months from manufacturing at 2–8 °C
Subclass	IgG ₁
Analyte description	Tetrahydrocannabinol (THC) is a psychoactive cannabinoid.

Parameters tested on each lot

Product appearance	Liquid, may turn slightly opaque during storage
Product concentration	≥ 2.0 mg/ml
Immunoreactivity	80–120 % compared to the reference sample in an FIA test
IEF Profile	6.8–7.7
Purity	≥ 95 %

Kinetic parameters

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



Legal disclaimer

Cross-reactivities	Does not react with Opiates, Benzoylecgonine, Amphetamines, Phencyclidine and Cannabidiol.	
Epitope	N/D	
Pair recommendations	170044 (BSA conjugate as capture) 170034 (HRP conjugate as 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 +35 °C, 7 days	RESULT OK Stability testing is performed in the product buffer to see whether different temperatures affect the antigen binding, charge or composition of the antibody. Please note that the shelf life given on the first page is based on real time stability testing at 2–8 °C in the product buffer.
Miscellaneous	This product was previously available with Catalog codes P01-99-22M-P and HM126. It has been produced using the same original mouse monoclonal hybridoma cell line. Immunogen: THC-BSA	
References	-	

