

## Tramadol Antibody

### Product overview

---

<b>Catalog number</b>	100901
<b>Specificity</b>	Antibody primarily recognizes Tramadol
<b>Description</b>	Protein A purified monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components.
<b>Product buffer solution</b>	0.05M Potassium Phosphate Buffer, pH 7.2 with 0.85% NaCl, 0.05% NaN <sub>3</sub> as a preservative
<b>Shelf life and storage</b>	12 months from manufacturing at 2–8 °C
<b>Subclass</b>	IgG <sub>1</sub>
<b>Analyte description</b>	Tramadol is a synthetic opioid drug used to treat pain.

### Parameters tested on each lot

---

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

### Kinetic parameters

---

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



#### Legal disclaimer

<b>Cross-reactivities</b>	0.3% Diphenhydramine, 0.2% PCM, 0.1% (+/-) Chlorpheniramine, 0.04% Pheniramine (based on ELISA with tramadol @ 10 ng/ml)	
<b>Epitope</b>	N/D	
<b>Pair recommendations</b>	P82-99-61A (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.	
<b>Platforms tested</b>	ELISA, LF	
<b>Antigens tested</b>	Please see Pair recommendations above	
<b>Product stability</b>	TEMPERATURE, TIME	RESULT
	N/D	-
<b>Miscellaneous</b>	This product was previously available with Catalog codes P02-99-61M-P. It has been produced using the same original mouse monoclonal hybridoma cell line.  Immunogen: Tramadol-BgG	
<b>References</b>	-	



#### Legal disclaimer