Oy Medix Biochemica Ab
Headquarters
Klovinpellontie 3
FI-02180 Espoo
Finland
Email: sales@medixbiochemica.com

Medix Biochemica USA Inc.
10850 Metro Court
Maryland Heights, MO 63043
United States of America
Email: sales@medixbiochemica.com

Product Datasheet

Morphine Antibody 100897

Product Name	Morphine Antibody
Catalog Number	100897
Description	Protein A purified monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Species/Host	Mouse
Tested Applications	ELISA, LF
Immunogen	Morphine-BSA
Brand	Medix Biochemica
Form/Appear	Liquid, may turn slightly opaque during storage
Concentration	≥ 1.5 mg/ml
Storage	+2–8 °C
Note	This product was previously available with Catalog codes B01-99-02M-P and HM578. It has been produced using the same original mouse monoclonal hybridoma cell line.
Isotype	IgG1
Clonality	Monoclonal
Epitope	Not determined
Purity	≥ 95 %
Affinity constant	N/D
Buffer	0.05 M Potassium Phosphate Buffer, pH 7.2 with 0.85 % NaCl, 0.05 % NaN3 as a preservative
IEF Profile	6.4 - 6.9
Cross Reactivity	Morphine, Morphine-3-ß-O-glucuronide, Codeine, Hydrocodone = 100 %; Ethylmorphine 95 %; Hydromorphone 56 %; Diacetylmorphine, 6-Mono-acetyl-morphine 40 %; Nalorphine 33 %; Naloxone, Oxycodone, Oxymorphone < 4 %; Imipramine, Clomipramine < 2 %; Amitriptyline < 0.1 %
Specificity	Antibody primarily recognizes Morphine, Morphine metabolites and related opioids
Matched Pairs	170036 (BSA conjugate as capture)
Shelf Life	36 months