Medix Biochemica

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## **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.

**Tested Applications**  LF, ELISA

**Immunogen** Morphine-BSA

Medix Biochemica **Brand** 

Form/AppearancLiquid, may turn slightly opaque during storage

Concentration  $\geq 1.5 \text{ mg/ml}$ 

**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 lgG1

Clonality Monoclonal

**Epitope** N/D

**Purity** ≥ 95 %

**Affinity** constant N/D

0.05M Potassium Phosphate Buffer, pH 7.2 with 0.85 % NaCl, 0.05 **Buffer** 

% NaN3 as a preservative

6.4 - 6.9**IEF Profile** 

Morphine, Morphine-3-β-O-glucuronide, Codeine, Hydrocodone ≥ 100 %; Ethylmorphine 95 %; Hydromorphone 56 %; **Cross** Reactivity

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** 24 months