

Product specifications

Name	Morphine Antibody
Specificity	Antibody primarily recognizes Morphine, Morphine metabolites and related opioids
Description	Protein A purified monoclonal mouse antibody, cultured <i>in vitro</i> under conditions free from animal-derived components
Product code	100897
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	Morphine is a non-synthetic opioid drug used to treat pain.

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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