

## Methadone Antibody

### Product overview

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<b>Catalog number</b>	100891
<b>Specificity</b>	Antibody recognizes methadone
<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>	18 months from manufacturing at 2–8 °C
<b>Subclass</b>	IgG <sub>1</sub>
<b>Analyte description</b>	Methadone is a synthetic opioid agonist.

### Parameters tested on each lot

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<b>Product appearance</b>	Liquid, may turn slightly opaque during storage
<b>Product concentration</b>	≥ 2.7 mg/ml
<b>Immunoreactivity</b>	80–120 % compared to the reference sample in an FIA test
<b>IEF Profile</b>	6.6-7.6
<b>Purity</b>	≥ 95 %

### Kinetic parameters

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<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>	-



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<b>Cross-reactivities</b>	Methadol 2.9 %				
<b>Epitope</b>	N/D				
<b>Pair recommendations</b>	<p>P81-99-09A (BSA conjugate as capture) or P91-99-09H (HRP conjugate for detection)</p> <p>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.</p>				
<b>Platforms tested</b>	ELISA, LF				
<b>Antigens tested</b>	Please see Pair recommendations above				
<b>Product stability</b>	<table><thead><tr><th>TEMPERATURE, TIME</th><th>RESULT</th></tr></thead><tbody><tr><td>N/D</td><td>-</td></tr></tbody></table>	TEMPERATURE, TIME	RESULT	N/D	-
TEMPERATURE, TIME	RESULT				
N/D	-				
<b>Miscellaneous</b>	<p>This product was previously available with a Catalog code P11-99-08M-P and HM579. It has been produced using the same original mouse monoclonal hybridoma cell line.</p> <p>Immunogen: Methadone-BSA</p>				
<b>References</b>	-				



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