

Product datasheet for **AM00980PU-N**

Methadone Mouse Monoclonal Antibody [Clone ID: BID902]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BID902
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Methadone-BSA
Specificity:	This antibody reacts to Methadone. Cross-reactivity (D50 in ELISA) Methadol: 2.9%.
Formulation:	0.05M Potassium phosphate, 0.85% Sodium chloride, pH 7.15 containing 0.05% Sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Methadone is a rigorously well-tested medication that is safe and efficacious for the treatment of narcotic withdrawal and dependence. For more than 30 years this synthetic narcotic has been used to treat opioid addiction. Heroin releases an excess of dopamine in the body and causes users to need an opiate continuously occupying the opioid receptor in the brain. Methadone occupies this receptor and is the stabilizing factor that permits addicts on methadone to change their behavior and to discontinue heroin use.



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