



Methadone(p) [HRP] (DAG1229)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Methadone(p), HRP conjugate
Antigen Description	Methadone is a synthetic opioid analgesic, structurally related to propoxyphene, and used clinically to decrease pain. Methadone is used in opioid withdrawal programs to replace the dependence of heroin, an illegal and short acting drug. It is available in tablet form or as a solution for parenteral injection but it is most commonly prescribed in the form of a liquid mixture to avoid the 'rush' felt with intravenous drugs. The side effects associated with methadone use can include physiological dependence, sedation, respiratory depression and effects on the heart and on muscle. In cases of overdose this can cause stupor, hypertension, coma and circulatory collapse.
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Methadone is a synthetic opioid with analgesic activity. Methadone mimics the actions of endogenous peptides at CNS opioid receptors, primarily on the mu-receptor and has actions similar to those of morphine and morphine-like agents. The characteristic morphine-like effects include analgesia, euphoria, sedation, respiratory depression, miosis, bradycardia and physical dependence. However, the detoxification symptoms between morphine-like agents and methadone differ in that the onset of methadone's withdrawal symptoms is slower, the
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course is more prolonged and the symptoms are less severe.

Keywords

methadone; dl-Methadone; Dolophine; Phenadone; Amidone
