



Norbuprenorphine(3) [HRP] (DAG1256)

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

PRODUCT INFORMATION

Product Overview	Norbuprenorphine(3), HRP conjugate
Antigen Description	Buprenorphine is a highly lipophilic derivative of the Thebaine and is a powerful partial agonist analgesic. It is effective in treating pain and is 25 to 40 times more potent than morphine. Since the 1980s it has been widely prescribed for the treatment of moderate to severe pain and in anaesthesiology for premedication and/or anaesthetic induction. Soon after buprenorphine became clinically available there were reports of abuse as it was frequently used as the drug of choice when there was a shortage of heroin supplies. Studies then showed that when buprenorphine was used for opiate dependence treatment the withdrawal syndrome on discontinuing buprenorphine was milder than methadone and that fewer symptoms emerged during detoxification with buprenorphine.
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	Clinically, buprenorphine is utilized as a substitution therapy for opioid dependence and as an analgesic. Buprenorphine is a partial agonist of the mu-opioid receptor. These mu binding sites are discretely distributed in the human brain, spinal cord, and other tissue. The clinical effects of mu receptor agonists are sedation, euphoria, respiratory depression, and analgesia.
---------------------	---

Keywords

Norbuprenorphine; BUPM
