



Lorazepam(3) [HRP] (DAG1216)

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

PRODUCT INFORMATION

Product Overview	Lorazepam(3), HRP conjugate
Antigen Description	The benzodiazepines are a group of over 20 structurally related central nervous system depressant drugs, each group varying considerably in their potency and clinical effects. The benzodiazepines are the most widely prescribed sedative/hypnotic drugs due to their wide range of uses. They are prescribed to treat anxiety, stress and insomnia. They are also used both as pre-medication and for induction of general anaesthesia. Specific uses include the management of alcohol withdrawal, control of epileptic fits and relief of muscle spasms. Benzodiazepines are extensively metabolised by the liver by processes of N-dealkylation and hydroxylation and only trace amounts of the parent compound appear in the urine. Many benzodiazepine metabolites are excreted in urine as glucuronide tracers.
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	Lorazepam is considered to be a short-acting drug which, similar to other benzodiazepines, exerts its therapeutic as well as adverse effects via its interaction at benzodiazepine binding sites, which are located on GABAA receptors in the central nervous system. After its introduction in 1977, lorazepam's principal use was in treating anxiety. Among benzodiazepines, lorazepam has a relatively high addictive potential. Lorazepam also has
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abuse potential; the main types of misuse are for recreational purposes or continued use against medical advice. The sedative-hypnotic and anterograde amnesia properties of lorazepam are sometimes used for criminal purposes.

Keywords

Lorazepam; Ativan; Temesta; (RS)-9-chloro-6-(2-chlorophenyl)-4-hydroxy-2,5-diazabicyclo[5.4.0]undeca-5,8,10,12-tetraen-3-one; delormetazepam; Punktyl; Quait; Securit; Wypax; EMOTIVAL; WY 4036
