



Cyclopentobarbital (5) [HRP] (DAG1078)

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

PRODUCT INFORMATION

Product Overview	Cyclopentobarbital (5), HRP conjugate
Antigen Description	Barbiturates are a class of around 12 compounds derivatised from barbituric acid. They are central nervous system (CNS) depressants and can be used as sedatives, hypnotics, anaesthetics and anti-epileptic drugs. Barbiturates can be divided into three main groups according to their duration of action. The ultra-short-acting barbiturates are used clinically as anaesthetics whilst the long-acting barbiturates have anti-convulsant properties. The short-acting compounds are typically used as hypnotics. The short-acting barbiturates are extensively metabolised by the liver to more pharmacologically inactive hydroxylated compounds.
Species	N/A
Conjugate	HRP
Applications	ELISA, Immunoassays, Development of Rapid tests and other immunoassay, antibody recognition assays
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Cyclopentobarbital sodium (Cyclopal, Dormisan) is a barbiturate derivative invented in the 1940s. It has sedative and anticonvulsant properties, and was used primarily as an anaesthetic in veterinary medicine. Cyclopal is considered similar in effects to phenobarbital but lasts almost three times as long, and is considered a long-acting barbiturate with a fairly slow onset
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of action.

Keywords

Cyclopentobarbital; Allylpental; Cyclopental; Cyclopal; Ciclopal
