



## Phenobarbital(m/p) [HRP] (DAG1273)

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

### PRODUCT INFORMATION

Product Overview	Phenobarbital(m/p), 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
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

### BACKGROUND

Introduction	Phenobarbital (INN) is a long-acting barbiturate and the most widely used anticonvulsant worldwide, and the oldest still commonly used. It also has sedative and hypnotic properties, but as with other barbiturates, it has been superseded by the benzodiazepines for these indications. The World Health Organization recommends its use as first-line for partial and generalized tonic-clonic seizures (those formerly known as grand mal) in developing countries. It is a core medicine in the WHO Model List of Essential Medicines, which is a list of minimum medical needs for a basic health care system. In more affluent countries, it is no longer
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recommended as a first- or second-line choice anticonvulsant for most seizure types, though it is still commonly used to treat neonatal seizures.

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**Keywords**

Phenobarbital

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