



Dilantin [HRP] (DAGA-349H)

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

PRODUCT INFORMATION

Antigen Description Phenytoin is an anticonvulsant drug which can be useful in the treatment of epilepsy. Phenytoin blocks voltage-sensitive sodium channels in neurons. This action leads to a delay in neuronal electrical recovery. Phenytoin's inhibitory effect is dependent on the voltage and frequency of neural cell firing by selectively blocking the neurons that are firing at high frequency. Phenytoin prevents the electrical spread of a focus of irritable tissue from entering normal tissue. Phenytoin reduces the maximal activity of brain stem centers responsible for the tonic phase of tonic clonic (grand mal) seizures. Chemical formula: 5,5-diphenyl-2,4-imidazolidinedione.

Conjugate	HRP
Applications	ELISA
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	0.01M pH7.4 PBS
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Keywords 5 5 diphenyl 2 4 imidazolidinedione; 55 diphenyl 24 imidazolidinedione; Dilantin; Diphenylhydantoin; Epanutin; Phenytek; solantoin; solantyl; epanutin; solublephenytoin; tacosal; 5; 5-Diphenylhydantoin sodium salt; 5; 5-Diphenyl-2; 4; PHENYTOINUM NATRICUM;