

## Separation of Antiepileptics in serum

**Method**  
HPLC

VPH0014J  
RP Mode

**Column:** Eurospher 100-5-C18, 100 x 4.0 mm ID

**Order No.** 10DE181ESJ

**Phase:** Eurospher 100-5-C18

**Conditions:** Eluent: Recipe eluent: Antiepileptics in serum (Order no. 15010)  
Gradient: isocratic  
Flow rate: 1.0 ml/min  
Temperature: 55 °C  
Volume: 10 µl

**Detection:** UV at 205 nm

**Substances:** PEMA, Ethosuximide, Primidone, Carbamazepine-diol, 10-OH-Carbamazepine, Phenobarbital, Carbamazepine-epoxide, Oxcarbazepine, DPH, Carbamazepine

**Keywords:** Antiepileptics, Drugs

**Chromatogram:**

1. PEMA
2. Ethosuximide
3. Primidone
4. Carbamazepine-diol
5. 10-OH-Carbamazepine
6. Phenobarbital
7. Carbamazepine-epoxide
8. Oxcarbazepine
9. Internal Standard (IS)
10. DPH
11. Carbamazepine

