

Carbamazepine, HRP conjugate

DAG1166

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Carbamazepine, HRP conjugate
Antigen Description	Carbamazepine is an anticonvulsant and mood stabilizing drug used primarily in the treatment of epilepsy and bipolar disorder, as well as trigeminal neuralgia.
Source	Therapeutic Drugs
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development
Applications	ELISA, Immunoassays, Development of Rapid tests and other immunoassay, antibody recognition assays

PACKAGING

Stability	This conjugate may be stored for up to 3 months at +2 - +8°C. For long term storage, aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. Avoid using azide containing buffers.
Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.

BACKGROUND

Introduction	Carbamazepine (CBZ) is an anticonvulsant and mood-stabilizing drug used primarily in the treatment of epilepsy and bipolar disorder, as well as trigeminal neuralgia. It is also used off-label for a variety of indications, including attention-deficit hyperactivity disorder (ADHD), schizophrenia, phantom limb syndrome, complex regional pain syndrome, paroxysmal extreme pain disorder, neuromyotonia, intermittent explosive disorder, borderline personality disorder and post-traumatic stress disorder.
Keywords	Carbamazepine; CBZ; 5H-dibenzo[b,f]azepine-5-carboxamide; ANBROMINE; Biston; Epitol; Finlepsin; Geigy 32883; Lexin; Neurotol; Sirtal; Telesmin

REFERENCES

1. Cummings, C; Stewart, M, Stevenson, M, Morrow, J, Nelson, J (2011-03-17). "Neurodevelopment of children exposed in utero to lamotrigine, sodium valproate and carbamazepine". Archives of Disease in Childhood 96 (7): 643–7. DOI:10.1136/adc.2009.176990. PMID 21415043.
2. Yoshikawa H, Abe T (March 2003). "Carbamazepine-induced abnormal pitch perception". Brain Dev. 25 (2): 127–9. DOI:10.1016/S0387-7604(02)00155-9. PMID 12581810.