

Diclofenac, BSA-conjugated

DAG3299 chemosynthetic

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Diclofenac, BSA-conjugated
Description	Diclofenac, conjugated
Species	chemosynthetic
Specificity	Diclofenac conjugated with bovine serum albumin (BSA).
Conjugate	BSA
Form	Lyophilized (1 mg); Lyophilized and reconstituted in deionized water (250 µg)
Applications	immunohistochemistry and immunocytochemistry
Usage	This antigen was used to produce polyclonal antibodies.
Quality Control Test	250 micrograms, 1 milligram

PACKAGING

Storage	Store at -20°C for one year. Reconstitute with pure water + 0.1% merthiolate (optional preservative). For a better solubility, the addition of some drops (5-10 µl) of NaOH 1N can be necessary. This solution is stable at +4°C for 2 months.
----------------	--

BACKGROUND

Introduction	Diclofenac is a nonsteroidal anti-inflammatory drug (NSAID) taken to reduce inflammation and as an analgesic reducing pain in certain conditions. The name is derived from its chemical name: 2-(2,6-dichloranilino) phenylacetic acid. In the United Kingdom, India, Brazil and the United States, it may be supplied as either the sodium or potassium salt, in China most often as the sodium salt, while in some other countries only as the potassium salt. Diclofenac is available as a generic drug in a number of formulations; including Dichlofenac diethylammonium under the trade name Voltarol Emulgel applied topically to joints. Over-the-counter (OTC) use is approved in some countries for minor aches and pains and fever associated with common infections.
Keywords	Diclofenac; 2-(2,6-dichloranilino) phenylacetic acid; Rhumalgan; Pennsaid

REFERENCES

1. Mazumdar K, Dutta NK, Dastidar SG, Motohashi N, Shirataki Y (2006). "Diclofenac in the management of E. coli urinary tract infections". In Vivo 20 (5): 613–619.
2. FitzGerald G, Patrono C (2001). "The coxibs, selective inhibitors of cyclooxygenase-2". N Engl J Med 345 (6): 433–42.