

Targeting Talk: Not the Right Stuff

Are all lots of 192-Saporin (192-IgG-SAP) the same?

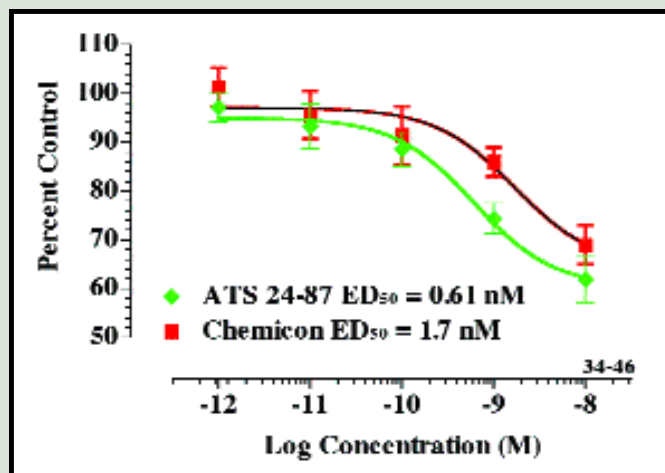
There are variances from lot to lot, and Advanced Targeting Systems includes a cytotoxicity graph on the data sheet with each product comparing the current lot with previous lots. Chemicon International also sells immunotoxins, and used to distribute ATS products. However, since early 2002 (according to Chemicon) they have been outsourcing their 192-Saporin from an un-named laboratory. A lot obtained from Chemicon was tested under ATS quality control conditions (see graph at right) and was found to be significantly less active than any of the ATS lots.

How do I find out the optimal dosage?

For each new lot and each new application of immunotoxin, it is recommended that the end user perform preliminary tests to ascertain the proper dosage. The material used and the method of administration are important aspects of each experiment that should be carefully considered prior to beginning a full-blown project.

What happens if I use too much immunotoxin?

Customers who had used the Chemicon material and then ordered 192-Saporin from ATS have reported that they needed to reduce the dosage



C6/9 cells were plated at 2500 cells/well in a 96-well plate and incubated overnight. 192-Saporin was added in 10-microliter volumes and the plates were incubated for 72 hrs. The plates were developed with PMS/MTS for 1-2 hrs, then read at 492 nm in a plate reader. Data analysis was done by PRISM (GraphPad, San Diego).

level with ATS product. The Chemicon material was not as potent. Higher doses of 192-Saporin, (as described in Leanza *et al. Eur J Neurosci*, 1995, 329-343) cause deficits in hindlimb coordination and support, and ataxia. So it is important to use less if you've switched from Chemicon's material to the ATS 192-Saporin.

Take care to test each new lot and compare the cytotoxicity data to decide on the proper dose. If you have any questions, contact ATS.

Amer Assoc for Cancer Research
March 28-31, 2004
Orlando, FL
Booth 1040



Upcoming Events

Experimental Biology
April 17-21, 2004
Washington, DC
Booth 1030

Society for Neuroscience
October 23-27, 2004
San Diego, CA



Torrey Pines Golf Course

The 2004 SfN meeting will once again be in San Diego, home of one of the most beautiful golf courses . . . Torrey Pines. The name itself stirs the imagination of golf enthusiasts all over the world. Situated atop cliffs towering above the Pacific Ocean in San Diego, California, golfers marvel at the views of the coastline and deep ravines. Nature lovers can spot wildlife and the famous Torrey Pines trees that are indigenous to the area.

Each year, the PGA Buick Invitational is held at Torrey Pines Golf Course and in 2008, the US Open Championship will be held on the newly remodeled South Course. Saturday, October 23, 2004 is YOUR opportunity to play the South Course. Format will be either a shotgun beginning at 7am (if sufficient golfers enroll) or set tee times beginning at 7:30am. Green fees, including golf cart will be about \$150 per person.

Limited space available! Contact ATS as your San Diego area hosts to reserve your tee time at www.ATSBio.com/golf.