

TEST PROCEDURE FOR CONTROL ANTIBODY AND POSITIVE AND NEGATIVE TEST PEPTIDES

The aim of this test is for the operator to become familiar with the ELISA using biotinylated peptides prior to carrying out assays on his or her set of biotinylated peptides. See the attached data sheet for the control monoclonal antibody details.

Topics in this article:

Test Protocol

p1

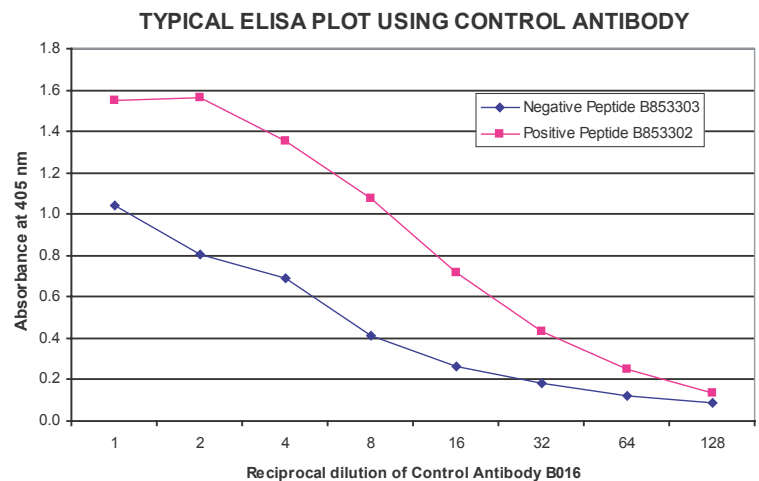
NOTE: The amount of control peptides supplied is less than that present for all peptides as they have been pre-diluted for convenience. For all other peptides follow the instructions presented in the general assay procedure.

The attached figure is a typical titration test result obtained where the control antibody was tested at a number of dilutions on the positive and negative control peptides.

Test Protocol

1. Dissolve the control positive and negative peptides e.g. using 1mL of 40% Acetonitrile/Water solution, or if acetonitrile is unavailable, using pure water.
2. Transfer the total contents of the tube to a small bottle and add 9mL of PBS/Tween®20/azide solution (see enclosed notes for details of this solution) and mix well.
3. These biotinylated peptide solutions are then used without further dilution for capture onto the coated streptavidin or avidin plates. The peptide capture conditions are as described in the general assay procedure. Using a well volume of 100µL there is enough peptide solution to saturate one avidin or streptavidin coated microtitre plate. The operator however may wish to only add peptide to a few wells. Unused peptide solution should be stored at -20°C.
4. After the peptide capture, follow the general assay procedure presented in the accompanying documentation, using the reconstituted control antibody supplied and an anti-mouse immunoglobulin conjugate.

NOTE: The absolute ELISA values obtained may vary from those shown and will be dependent on many factors, such as time of incubation, detecting conjugate and substrate. However, the ELISA readings for the positive and negative control peptides should be clearly differentiated as shown



Mimotopes International
11 Duerdin St, Clayton
VIC, Australia 3168
mimotopes@mimotopes.com
www.mimotopes.com

Mimotopes Asia Pacific
Tel: +61 3 9565 1111
Fax: +61 3 9565 1199
australia@mimotopes.com

Mimotopes Europe
Tel: +44 870 460 1500
Fax: +44 870 460 1501
europe@mimotopes.com

Mimotopes US East
Tel: +1800 633 8161
Fax: +1800 424 3970
useast@mimotopes.com

Mimotopes US West
Tel: +1800 644 1866
Fax: +1800 655 1866
uswest@mimotopes.com