



# Looking for a non-radioisotopic serine kinase assay?



## PerkinElmer's Assay Services can find it for you

**PerkinElmer Life Sciences**, a pioneer in non-radiometric assay methods, offers a fast and reliable assay development service for serine kinase assays on your substrates. We can save you time and money by finding the best antibody and most appropriate assay format. You do not need to search out antibodies, nor do you have to perform labeling. Working with top suppliers, we have assembled and labeled what we consider to be the best possible range of antibodies. These are all ready to test your substrate using both heterogeneous and homogeneous assay formats.



**There really is a non-isotopic serine kinase assay that works for you**

Currently there is significant interest in serine kinase assay but the lack of a generic antibody imposes limitations on non-radiometric assay methods. Antibodies directed against phosphorylated serine residues are extremely sensitive to the sequence surrounding the phosphorylated serine and, as a consequence, are very substrate specific.

**PerkinElmer Life Sciences Assay Services'** panel of phosphoserine/threonine antibodies has been obtained from the top suppliers in the world, including Cell Signaling Technology Inc. The antibodies have been labeled with an exclusive europium chelate and are all ready for testing on your own substrates (phosphorylated and non-phosphorylated biotinylated peptides/protein).

**Included in the service** is the screening of your substrate with the europium-labeled antibody panel using both the very sensitive heterogeneous DELFIA method, and the easy to use homogeneous LANCE format. A final report on the complete results for your substrate, along with a recommendation as to the most appropriate antibody(s) and the most suitable assay format (DELFIA and/or LANCE) is also included.

**PerkinElmer we can also perform any necessary phosphoserine peptide synthesis.**

- ▶ Good selection of commercial available phosphoserine/threonine antibodies already labeled with Eu
- ▶ Both heterogeneous DELFIA and homogeneous LANCE assays performed at the same time
- ▶▶▶▶▶ Save time and effort finding and testing antibodies from different suppliers – no need to spend time labeling the antibody
- ▶▶▶▶▶ Get the proof of principle on which assay format is suitable for your substrate

**Ordering info**

Please contact your local sales representative to ask for a quotation, or contact us at [assayservices@perkinelmer.com](mailto:assayservices@perkinelmer.com)

**More information**

To see an example of the type of report supplied after the testing of your substrate, ask for our model service brochure from your local sales representative. You can also order it directly from our website or download a pdf file from <http://lifesciences.perkinelmer.com/library/downloads/15999748.pdf>.



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