



Monobind Technical Support Memo

Subject; LH Antibody Specificity

Date; June 2010

QUESTION:

We have an **urgent** customer request referring to the specificity of the antibodies included in the LH kit. Please confirm and explain which antibody (biotin resp. enzyme labeled) shows which specificity.

ANSWER:

The LH system uses two antibodies directed against two different epitopes on the beta subunit of LH. The biotinylated antibody binds with one section of beta LH subunit (epitope) and the HRP-Ab binds with a different section (epitope) of the beta LH subunit.

Thus, a beta-beta system as opposed to a alpha-beta in hCG and FSH.

Authorized by:

A. Shatola

Quality Representative

June 10, 2010