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Title (English) Development and evaluation of a double antigen bridging assay in CD-microlaboratories		
Title (Swedish)		
Abstract <p>An antibody assay of the bridging type was investigated. Specific antibodies in sample bound to biotinylated antigen on solid phase are detected with ALEXA-labelled antigen. Thus, the arms of the antibody will “bridge” the two antigens for a signal to be generated. All steps were integrated into a CD for automatic and precise function. It could be demonstrated that the bridging assay can operate with high performance to quantify serum samples. The results also indicate that response signals from low affinity antibodies can be reduced by simple manipulation of the biotinylated reagents. Conclusively, the bridging assay used in this format has great potential to be a strong competitor to other antibody assays.</p>		
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