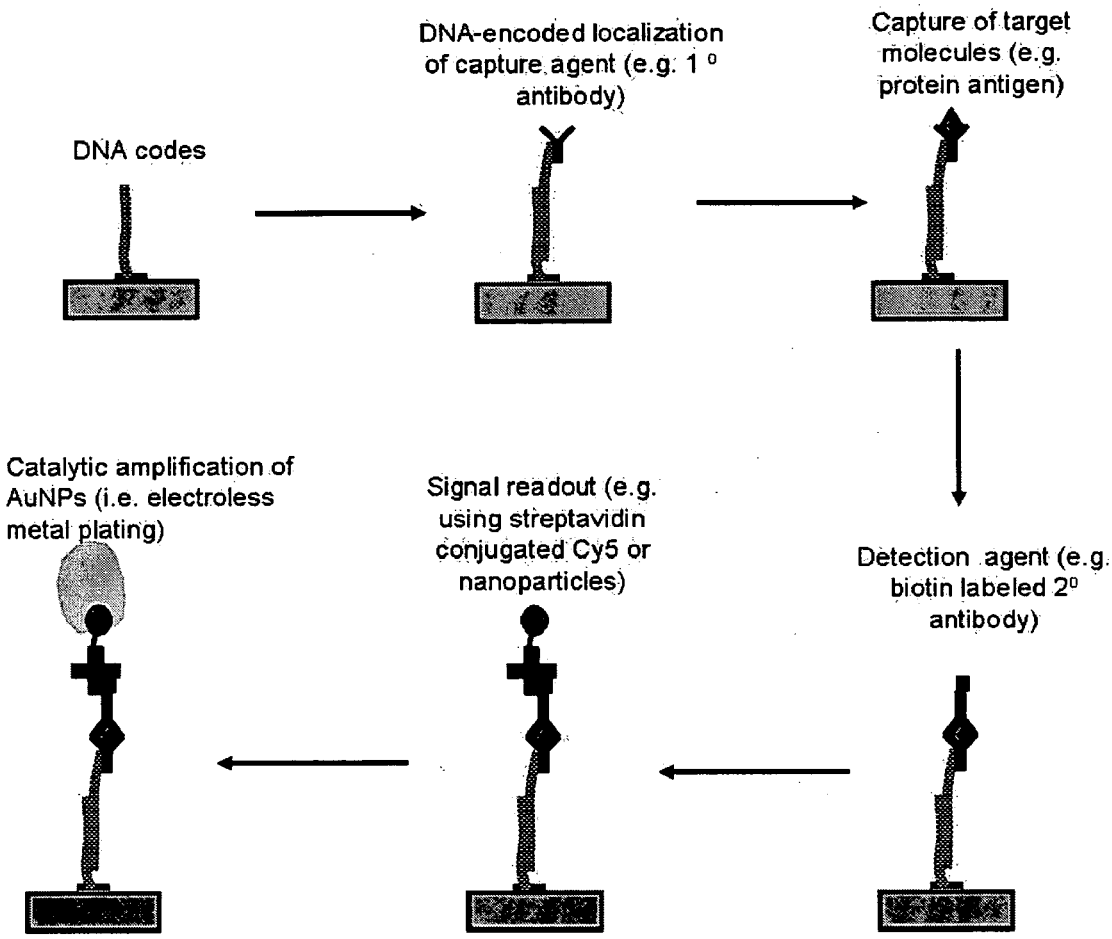
DNA codes
DNA-encoded localization of capture agent (e.g. 1 ° antibody)
Capture of target molecules (e.g. protein antigen)
Detection agent (e.g. biotin labeled 2° antibody)
Signal readout (e.g. using streptavidin conjugated Cy5 or nanoparticles)
Catalytic amplification of AuNPs (i.e. electroless metal plating)

FIG. 11