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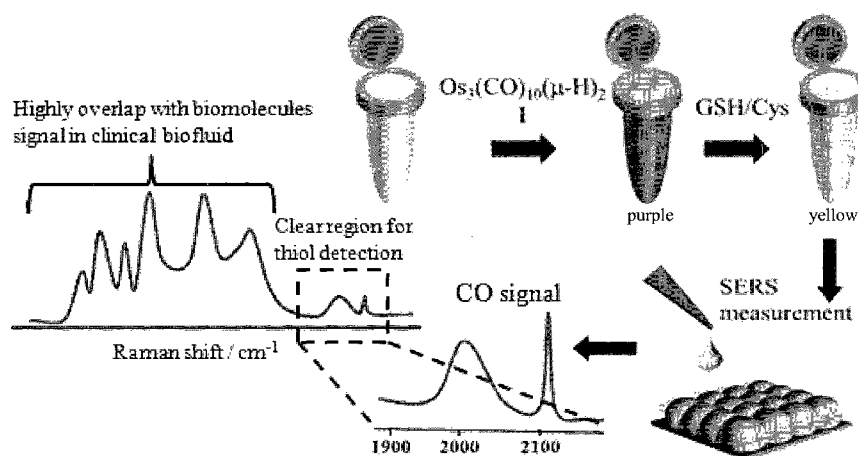
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(54) Title: METHOD OF DETECTING ANALYTES HAVING A THIOL FUNCTIONAL GROUP

FIG. 10



(57) Abstract: Method of detecting one or more analytes having a thiol functional group is provided. The method includes contacting one or more analytes with at least one metal carbonyl cluster compound; and detecting changes in optical properties of the at least one metal carbonyl cluster compound as an indication of the presence of the one or more analytes having a thiol functional group.