Primer

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## Liquid chromatography-tandem mass spectrometry for clinical diagnostics

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## Supplementary information

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**Supplementary Figure 1.** Visualization of the electrospray process for singly charged molecular ions generated by desolvation, ion evaporation and declustering of ion-solvent clusters prior to mass filtering.



**Supplementary Figure 2.** Visualization of the atmospheric chemical ionization process for positively charged molecular ions generated by sample evaporation, ionization of reagent gas, proton addition as a gas-phase cluster, subsequent declustering and mass analysis.