Abstract

Method of Identification of proteins

The present invention relates to biomolecules and to methods for the identification and/or quantification of biomolecules. The present invention provides a novel method of a method of identifying and/ or quantifying at least one protein, the method comprising: providing at least one protein; labelling at least one amino acid residue of the protein(s) with at least one agent; separating the protein(s) based on a first characteristic; separating the protein(s) based on a second characteristic; and analysing the protein(s) by mass spectrometry, thereby identifying and/or quantifying the at least one protein. The method may be used to identify protein expressions changed under different disease states or treatment conditions.

Figure 1B

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